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63.27

Dakota Improved Seed Co.

BREEDERS AND GROWERS OF
PEDIGREED FARM AND GARDEN SEEDS

Emmetsburg, Iowa

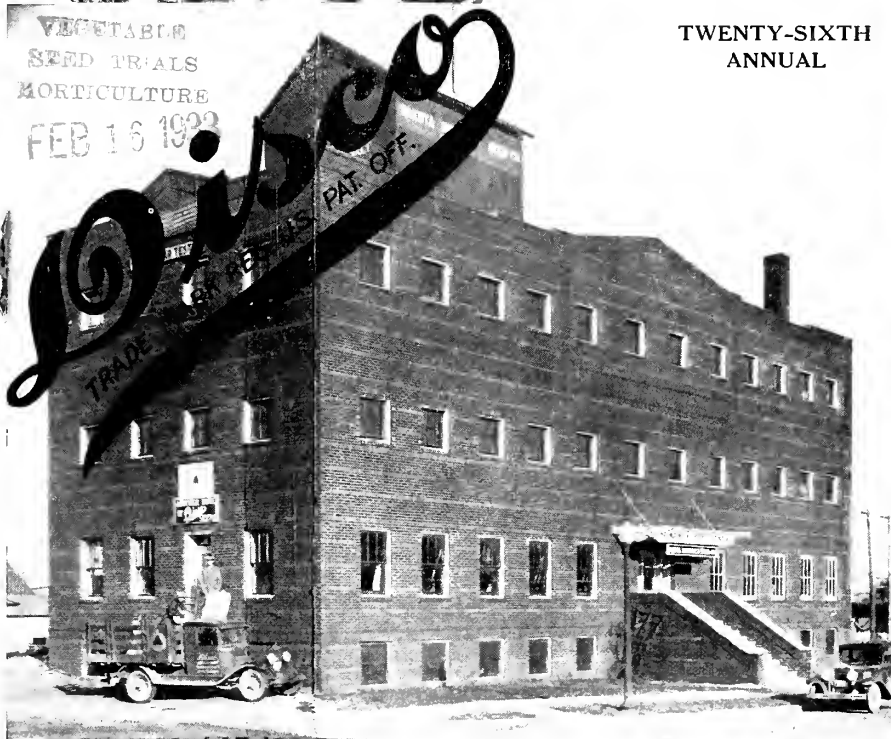
LIEB
RECO
MILCO



1933

TWENTY-SIXTH
ANNUAL

VEGETABLE
SEED TRIALS
HORTICULTURE
FEB 16 1933



Disco

THIS SIGN HAS STOOD FOR THE
BEST IN SEEDS FOR OVER A
QUARTER OF A CENTURY

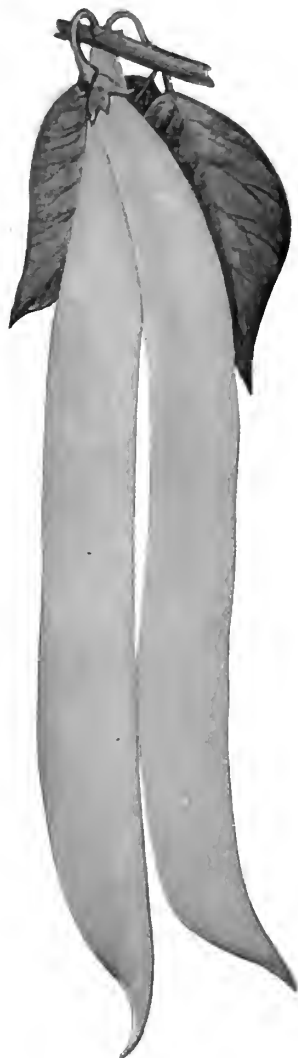


American Wonder (See page 24)



GOLDEN BANTAM SWEET CORN

(See page 17)



Imp. Golden Waxpod
(See page 15)

DISCO

Northern Grown Vegetable Seeds

IN BULK OR PACKETS

The vegetable seeds we offer represent the very finest types procurable and have been selected with greatest care. We offer only those seeds whose merits and adaptability to our Northern climate we have proven in our own trials and table tests. We supply simple cultural instructions with every order and our Service Bureau is at your disposal, always pleased to assist you to solve your problems.

•grow well—because they are well grown



A Good Name Well Known

For 26 years has signified the best in seeds.

Grow Well Because They Are Well Grown.

To insure prompt attention address all orders to the firm, not to individuals. --: --: Use order sheet at end of catalog.

Special Price Sheet

Prices are Effective January 2, 1933, and are based on values at time of issue, F. O. B. Emmetsburg, Iowa, subject to prior sale and market change. Write for special prices on large quantities. All seeds are sold on the basis of the Disco Guarantee, printed on page 1 of the 1933 catalog. We recommend early ordering. If no Agent at your station, add sufficient to prepay freight or express. If you remit too much, surplus will be promptly refunded. If required by parcel post, your Postmaster will tell you in what zone from Emmetsburg you are located so that you may include correct postage with your remittance. Should prices have changed when your order is received, if lower, we will refund balance, if higher, we will either reduce your order to the amount remitted, or ship C. O. D. for the balance, as you prefer.

Current Prices, January 2, 1933, F. O. B. Emmetsburg, Iowa. No Cartage Charge.

OUR BRANDS

DISCO BRAND. Seed to qualify for this Brand must represent the cream of the crop, free from noxious weeds and of exceptionally high purity and germination.

EMERALD BRAND. Good quality seed fully equal to much of the so called number one seed.

SUNSHINE BRAND. Good general purpose seed, free from harmful or noxious weeds and of good germination.

LOWER GRADES. We have many lots lower grade than those offered in this catalog. If interested ask for special prices and samples, stating quantities required.

ALL OUR ALFALFAS ARE SHIPPED OUT IN SEALED BAGS AND ORIGIN SUPPORTED BY U. S. VERIFIED ORIGIN CERTIFICATE. LOOK FOR THIS SEAL AND CERTIFICATE WHICH INSURES GENUINENESS

ALFALFA—60 lbs. per bushel

	100 Lbs.	50 Lbs.	25 Lbs.	1 Lb.	Per Bu.
Grimm, Emerald Brand, Grower's Affidavit.....	\$20.00	\$11.00	\$ 6.00	\$0.25	\$12.00
Grimm, Disco Brand, Grower's Affidavit.....	21.00	11.50	6.25	.26	12.60
Grimm, No. 19A Disco Brand.....	23.00	12.50	6.75	.28	13.80
Baltic, Disco Brand.....	23.00	12.50	6.75	.28	13.80
Baltic No. 11C, Disco Brand.....	24.00	13.00	7.00	.29	14.40
Cossack, Emerald Brand, Grower's Affidavit.....	21.00	11.50	6.25	.26	12.60
Cossack, Disco Brand, Grower's Affidavit.....	22.00	12.00	6.50	.27	13.20
The genuineness of the above Alfalfa is based on a thorough inspection of the pedigree and inspection of the growing crops by our own representatives.					
Grimm, Official Sealed and Certified Red Tag.....	22.50	12.25	6.65	.27½	13.50
Grimm, Official Sealed and Certified Blue Tag.....	23.50	12.75	6.85	.28½	14.10
Cossack, Official Sealed and Certified Blue Tag.....	24.50	13.25	7.10	.29½	14.70
The genuineness of the above is attested to by the S. D. Crop Improvement Association under whose supervision the fields are inspected and the seed graded, tagged and sealed.					
Registered Disco No. 28.....	22.00	12.00	6.50	.27	13.20
Dakota No. 12, Emerald Brand.....	19.00	10.50	5.75	.24	11.40
Dakota No. 12, Disco Brand.....	20.00	11.00	6.00	.25	12.00
Black Hills Common, Disco Brand.....	18.50	10.25	5.67	.23½	11.10
Ladak.....	Crop failed				

When comparing prices don't forget quality, if in doubt, don't hesitate to send for sample and if you give us a memo of your requirements we will not only send you samples, but will quote you special freight paid prices and we are confident that if you judge quality with price, your order will come to us.

SACK PICKED, RACK DRIED, EAR TESTED SEED CORN—Shelled and Graded—56 pounds per bushel

	10 bu. or more per bu.	5 bu. or more per bu.	1 Bu.
Yellow Dent Varieties—			
Reid's Reliance	\$1.30	\$1.40	\$1.50
Reid's	1.30	1.40	1.50
Hybrid 931	3.60	3.85	4.00
Early Murdock	1.30	1.40	1.50
Minnesota No. 13	1.30	1.40	1.50
Golden King	1.30	1.40	1.50
Silo Corn80	.90	1.00
White Dent Varieties—			
Silver King	1.55	1.65	1.75
Early Calico	1.30	1.40	1.50
Flints—			
Rainbow	1.30	1.40	1.50
Evergreen Sweet Fodder (46 lbs.).....	2.30	2.40	2.50

Semesan Jr. Dust Disinfectant for Seed—See Page 13 for Prices

DAKOTA IMPROVED SEED CO., EMMETSBURG, IOWA

(Read the Other Side)

Read Other Side Before Ordering.

Current Prices, January 2, 1933, F. O. B. Emmetsburg, Iowa. No Cartage Charge.

CLOVERS—60 lbs. per bushel

Sweet Biennial, Hulled and Scarified	100 Lbs.	50 Lbs.	25 Lbs.	1 Lb.	Per Bu.
White Blossom, Emerald Brand.....	\$ 4.85	\$ 2.67	\$ 1.46	\$0.06¼	\$ 2.91
White Blossom, Disco Brand.....	5.25	2.87	1.57	.06¼	3.15
Yellow Blossom, Disco Brand.....	5.50	3.00	1.62	.07	3.30
Grundy County, Disco Brand.....	5.00	2.75	1.50	.06½	3.00
Hubam—Annual, Emerald Brand.....	8.00	4.25	2.25	.09½	4.80
Hubam—Annual, Disco Brand.....	8.50	4.50	2.35	.10	5.10
Medium Red, Emerald Brand.....	12.50	6.75	3.60	.15½	7.50
Medium Red, Disco Brand.....	13.50	7.25	3.85	.16½	8.10
Mammoth Red, Disco Brand.....	14.50	7.75	4.12	.17	8.70
Alsike or Swedish, Emerald Brand.....	14.50	7.75	4.12	.17	8.70
Alsike or Swedish, Disco Brand.....	15.50	8.25	4.37	.18	9.30
White or Dutch, Disco Brand.....	45.00	23.50	12.25	.50	27.00

ALFALFA AND
ALL CLOVERS
LOW IN PRICE

INOCULATING CULTURE—See page 32.

DISCO SELECTED MILLETS—50 lbs. per bushel

	100 Lbs.	50 Lbs.	25 Lbs.
Common, Disco Brand.....	\$ 2.50	\$ 1.50	\$ 0.85
Siberian, Disco Brand.....	2.75	1.60	.95
Golden or Liberty (German) Disco Brand.....	2.50	1.50	.85
Hog or Broom Corn, Disco Brand.....	2.25	1.35	.80
Proso, Disco Brand.....	2.25	1.35	.80
Early Fortune, Disco Brand.....	2.25	1.35	.80
Japanese (36 lbs. per bushel)—Billion Dollar Grass.....	3.50	2.00	1.10
Dakota Kursk, Disco Brand.....	Price on application.		

DISCO SELECTED GRASS SEEDS

Timothy, Emerald Brand.....	3.75	2.10	1.15
Timothy, Disco Brand.....	4.00	2.25	1.25
Awnless Brome, Disco Brand.....	10.00	5.25	2.75
Meadow Fescue or English Blue, Disco Brand.....	8.00	4.50	2.50
Red Top (solid seed), Disco Brand.....	9.00	5.00	2.60
Kentucky Blue, Emerald Brand.....	14.50	7.75	4.10
Kentucky Blue, Disco Brand.....	15.00	8.00	4.25
Perennial Rye Grass, Disco Brand.....	7.00	3.75	2.00
Orchard Grass or Cocksfoot, Disco Brand.....	12.00	6.25	3.25
Reed Canary Grass, Disco Brand.....	60.00	31.00	16.00
Crested Wheat Grass, Disco Brand.....	25.00	13.50	7.25

ALL BAGS
ARE FREE

DISCO SELECTED MIXTURES

Disco Permanent Pasture Mixtures.....	10.00	5.25	2.75
Timothy and Alsike, Mixed.....	7.00	3.75	2.00
Timothy and Red Clover, Mixed.....	7.00	3.75	2.00

DISCO FORAGE SOILING CROPS

Rape, Dwarf Essex, No. 1 Seed, Disco Brand.....	6.00	3.25	1.75
Sunflower, Russian Giant, Disco Brand.....	8.00	4.25	2.25
Early Amber Fodder Cane, Disco Brand.....	2.00	1.25	.75
Waconia Sorghum Cane, Disco Brand.....	2.25	1.35	.80
Sudan Grass, Disco Brand.....	3.00	1.75	1.00
Peterita, Disco Brand.....	2.25	1.35	.80
Kaffir Corn, Disco Brand.....	2.00	1.25	.75
Milo Maize, Disco Brand.....	2.00	1.25	.75
Grohoma, Disco Brand.....	3.50	2.00	1.10

CHEAPER THAN
EVER

DISCO SELECTED SEED GRAINS, ETC.

Beans—			
Great Northern, Disco Brand.....	5.00	2.75	1.50
Navy, Disco Brand.....	5.00	2.75	1.50
Red Kidney Beans.....	7.00	3.75	2.00
Soy or Soja Beans, all strictly Northern Grown			
Manchu, Disco Brand.....	2.00	1.25	.75
Illini, Disco Brand.....	2.00	1.25	.75
Buckwheat—			
Japanese, Disco Brand.....	2.25	1.35	.80
Silver Hull, Disco Brand.....	2.25	1.35	.80
Field Peas—			
Canada Field, Disco Brand.....	5.00	2.75	1.50

BARLEY—
FLAX—56 lbs. per bushel
SPRING WHEAT—
OATS—
SPELTZ—

Varieties and Prices on application.

Complete Alphabetical List on page 32.

DAKOTA IMPROVED SEED CO., EMMETSBURG, IOWA

(Read the Other Side)

Don't
forget
the
FREE
Chinese
Elms
and
Iris
See page 2

Mitchell, S. D.



Emmetsburg, Ia.

Bank References
City National Bank,
Chicago, Ill.
First National Bank,
Chicago, Ill.
First National Bank,
Minneapolis, Minn.

*This Sign Has stood for the Best in
Seeds For Over a Quarter Century*

Bank References
Mitchell National Bank,
Mitchell, S. D.
The Central Savings
Bank and Trust Co.,
Emmetsburg, Iowa.

1933

Emmetsburg, Iowa,
January 2, 1933.

My Dear Friends:

It has proved one of the hardest possible tasks just to know what to say to you in my annual message, a privilege made possible by the issuing of our annual catalogue. We have all been going through such a severe trial, it might well be described as an "acid test."



Richard Burn, President

When I wrote you a year ago, I thought we were passing through the crisis, but apparently we were not just ready for the "period of convalescence." When I sit down on "the end of a log," as it were, and have a quiet impersonal talk with one or other of my friends on the farm, and we get talking right from the heart to the heart, we generally end up by concluding that this testing time is going to do us all good. God grant it may, because surely we were going too far and too fast.

In spite of low prices, poor crops and all the other heartaches that we folks, who depend on agriculture, have been well nigh forced to become accustomed to, nevertheless when you see such headlines as this in the papers: "**Three meals a day lure city men back to farms,**" then we begin to feel that the "old farm" is not the worst place after all. Let us therefore take as our slogan the words of Longfellow, when he said: "Look not mournfully into the past, it comes not back again. Wisely improve the present, it is thine. Go forth to meet the shadowy future, without fear and with a manly heart."

I hope you will read through this catalogue carefully. We have spent a good deal of time and thought in its preparation. We have assembled in our plants both at Mitchell, S. D., and Emmetsburg, Iowa, seeds for the farm, for the vegetable garden and also the flower garden. Prices are lower than they have ever been in my forty-two years' experience in the Seed Trade and the quality was never better. This is a good time to sow legumes and get your land into good shape for the better times that are surely soon to come.

Be sure and put in a generous garden as good fresh vegetables sure help the table, promote health and keep down the living expenses.

Very heartily at your service,

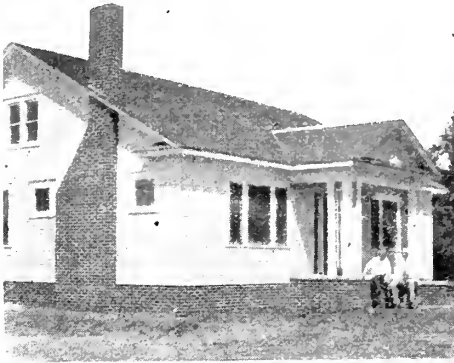
Yours very truly,

DAKOTA IMPROVED SEED COMPANY,
By Richard Burn, President.

The **Disco** *Guarantee*

The DAKOTA IMPROVED SEED COMPANY guarantees the seed it sells to be as represented as to quality and germination. All our seeds are tested and nothing that does not reach a high standard is distributed. In spite of this, we stand ready to replace or refund the money paid for any seeds sent out by us which upon arrival are not entirely satisfactory. We do not insure a crop from seeds purchased, either as to description, productiveness or any other matter, because of the many factors which influence a crop and which are entirely beyond our control, and acceptance of the seed will be interpreted as an acceptance of these conditions by the buyer. All sales are, therefore, based on this understanding, and it is further understood that in no case shall the liability of the company exceed the price paid for seed.

Beautiful Chinese Elm or Iris Roots Absolutely Free!



With every \$2.00 order Vegetable and Flower Seeds or all \$10.00 orders Field Seeds, Seed Corn, etc. (excepting Grain), we are giving away

ABSOLUTELY FREE

Two Chinese Elm (delivered in spring) 4 feet to 5 feet high or

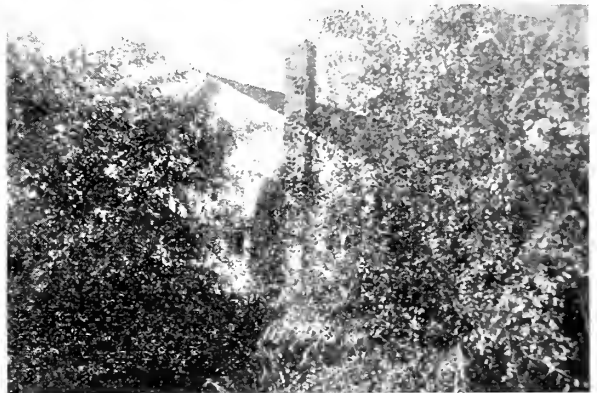
Six vigorous, healthy Iris Roots (delivered in fall, 1933). See page 31.

The residence of Mr. Burn, our President

The upper photograph was taken when the building was completed. That on the right shows the effect of discriminating use of Chinese Elms.

These trees are only four years old.

You can accomplish the same effect cheaply and easily. See page 30.



These Elms and Iris have been raised in our own grounds at Mitchell. They are, consequently, hardy and eminently suited to our climate.

We have hundreds available but we anticipate our entire stock being rapidly cleared when this offer will be withdrawn.

You Must Act Promptly

Don't neglect to check your choice on the order blank.

Our Iris in bloom at Mitchell

REMEMBER—They Cost You Nothing

Disco HARDY ALFALFA

State Sealed Certified Seed

This seed of established certified origin is produced by the most successful and dependable growers. The entire process being under state supervision from planting time. All cleaning operations are checked and supervised by Crop Improvement Association inspectors; the seed is graded (either Blue, Red, or Yellow Tag, as the case may be), tagged, and sealed by the association, in 2½ bushel (150 lbs.) or in 1 bushel (60 lbs.) or half bushel (30 lbs.) lots. The South Dakota Crop Improvement Association has an inspector resident in Mitchell who is available to open and re-seal the bags containing any quantity desired. **IN BUYING STATE SEALED SEED BE CAREFUL TO EXAMINE THE SEALS AND TAGS.**



Disco Registered Grimm and Cossock Alfalfas being officially sealed by the South Dakota Crop Improvement Association Inspector.

THERE IS NO SECRET IN GROWING ALFALFA

WRITE FOR OUR FREE BOOKLET:
"GROWING ALFALFA SUCCESSFULLY"

•lowest prices in history

GRIMM. Recognized by all leading authorities. Recommended by Agricultural Colleges throughout the United States. Where extreme temperatures are experienced, Grimm Alfalfa has demonstrated its ability to withstand the severe winters, and burning drouth. We give an affidavit that all Grimm sold by us is Genuine and to be seed of known pedigree. Where "winter killing" is a problem—use Grimm.

DISCO GRIMM 19A. The DISCO 19A is a special selection from the Grimm that excels its parent plant in many ways.

From the hundreds of individual trials carried on in our Alfalfa nursery there were selected plants which stood out distinctly as being strong in habit of growth, and producing many leafy branches. Plants with a large productive crown, with a strong and spreading or branch root system. By special selection of this type of plant we have developed a worth while pedigreed stock of DISCO 19A, an Alfalfa strain with a known parentage.

COSSACK We believe Cossock is a hardy variety, and suited to the northern sections, not any harder than Baltic or Grimm, but there may be districts where it would excel. We consistently refused to recommend it to our customers while it was being sold at what we considered exorbitant prices, but now that seed is becoming more plentiful, and consequently more moderate in price, we have provided ourselves with some excellent seed, guaranteed to be the true variety, and we recommend a trial.

REGISTERED DISCO No. 28. This has proved the most universally popular and useful of our Registered Stocks. It has resisted winter-killing in the northern sections, where freezing and thawing are prevalent, and in other sections, where the water level is somewhat high, it has continued to grow where the common tap-root type has completely disappeared. It has, also, owing to its bushy habit of growth, yielded a heavier crop of hay than the common variety.



Dakota Improved



Seed Company



Disco **HARDY ALFALFA**

You Can't Buy Better



Disco Alfalfa August, 1931

anywhere
at any
price



BALTIC. A comparatively new variety of Hardy Alfalfa. U. S. Bulletin No. 757 says: "This variety is recommended for sections where ordinary strains suffer considerable loss through winter killing. The quantity of Baltic seed produced in the United States is rather limited and precautions are necessary in purchasing it."

Dakota Improved Seed Company are the promoters and breeders of the Baltic Alfalfa. Placing your order with them assures you will get the original Disco Baltic Alfalfa Seed.

KNOW WHAT YOU BUY

ALL DISCO ALFALFAS ARE SUPPORTED BY UNITED STATES DEPARTMENT OF AGRICULTURE VERIFIED ORIGIN CERTIFICATE

DISCO BALTIC No. 11C from the Baltic has proven itself to be the hardiest of the hardy. This strain is a revelation in perfect and hardy Alfalfa. It is drought resistant to a marked degree. Recovers quickly after cutting. An exceptionally large and free stooling plant yielding an abundance of leafy hay. For seed production it has a record of its own. On one acre where **DISCO BALTIC 11C** was seeded in rows three feet apart it produced two hundred and eighty-six pounds of seed.

DAKOTA No. 12. In our producing districts fields of Dakota No. 12 thirty to forty years old are very common. It is a plant which has developed the hardy characteristics in a very severe climate and has stood the test. Genuine Disco Dakota No. 12 comes to you in sealed bags. This is your protection.

BLACK HILLS COMMON. Grown in the Black Hills of Wyoming or northern Ne-

braska at an altitude of 4,000 feet and upwards, under dry land conditions. On new land. Seed of exceptionally high purity. We cannot recommend this too highly. Low prices this year make seed of this quality a "real buy."

LADAK. A recent introduction from mountains of Northern India. Claimed to be somewhat harder than older varieties where the rainfall is limited and just as hardy under favorable moisture conditions.



First cutting of Ladak is usually heavier than that of the older strains, but recovers rather slowly after cutting so that second crop is likely to fall below that of other varieties. Ladak hay, in some cases at least, seems to be of a finer quality and the plant has also shown evidence of being capable of producing heavier crops of seed.



Dakota Improved



Seed Company



Disco Sweet Clover

QUALITY'S THE
THING TO WATCH
THESE DAYS—

6 Reasons Why

RECLEANED AND SCARIFIED SEED

- ❖ GIVES QUICKER RETURNS
- ❖ PASTURE SAME YEAR YOU SOW
- ❖ PUTS INTO THE SOIL WHAT OTHER CROPS TAKE OUT
- ❖ IS THE CHEAPEST MEANS OF BUILDING UP YOUR FARM TODAY
- ❖ IS ALMOST IMPOSSIBLE TO KILL OUT

❖ "ONE ACRE SWEET CLOVER PLOWED UNDER A YEAR AFTER SEEDING WILL ADD APPROXIMATELY 100 LBS. NITROGEN TO THE SOIL."—Iowa State College, April, 1931.

WHITE BLOSSOM (*Melilotus alba*). This is by far the most popular biennial variety. Under ideal conditions it will sometimes make a growth of 48 inches the first year, its usual growth being 18 to 30 inches. It stores up a tremendous quantity of reserve food in its deep tap root, which enables the plant to make a rapid and vigorous growth early the following spring.

YELLOW BLOSSOM (*Melilotus officinalis*). This variety is a biennial also, growing a hay crop the first year, flowers, bears seed and dies at the end of the second year. Stems are finer, inclined to be less "woody" and have a larger proportion of leaves and fine branches, which naturally makes it a better pasture and some farmers prefer it as a hay crop, although it makes less tonnage per acre than the White Blossom variety.

HUBAM. Annual White Blossom. Where it is considered desirable to have the crop make its growth, flower, form seed and die in one year, Hubam has advantages. It certainly has a strong appeal to the honey producer, greatly increasing the available bee pasture.



GRUNDY COUNTY, EARLY WHITE, DWARF WHITE, CRYSTAL WHITE. Under these various titles, a dwarf growing type of the biennial white variety has been distributed during the past few years. It is earlier, grows to a medium height, does not require clipping, matures its seed earlier and more uniform; is consequently easier handled.

Our Bargain Basement

**Alfalfa and
Sweet Clover
are our
Specialties**

RECLEANING MANY CARLOTS IN A SEASON WE GENERALLY HAVE ON HAND MANY SMALL LOTS NOT JUST GOOD ENOUGH FOR OUR REGULAR BRANDS. A LITTLE OFF COLOR PERHAPS OR CONTAINING PIGEON GRASS OR A LITTLE GUMBO. WE GIVE REAL SNAPS IN THESE. WRITE US ABOUT THEM.

SAVE MONEY SEEDING THAT NEW HOG LOT



Dakota Improved



Seed Company



Disco CLOVERS

Again We
REDUCE
the PRICE

Your

Money *never before bought so much*

SEE THE COLORED PRICE LIST

Disco Selected Grass Seed

DISCO PERMANENT PASTURE MIXTURES—a. For high and dry land. b. For good rich land, neither too wet nor too dry. Probably the most economical seeding for permanent pasture. We blend those most desirable grasses in proper proportions; grasses which we know from long experience are adapted for your special conditions, thus insuring abundant pasture and maintaining that for the longest possible time. Tell us your location and your soil conditions, we will gladly advise you. Estimate seeding approximately 20 pounds per acre.

BROME GRASS—One of the deepest rooting grasses in cultivation. Thoroughly permanent. Once established it becomes impervious to severe spring or fall frosts. Hay of excellent quality, fully equal to that of Timothy. Sow broadcast 20 to 25 pounds per acre.

REED CANARY GRASS—Specially adapted for low lying poorly drained lands or areas subject to overflow along river banks. Convert useless lands into profitable pastures. Broadcast 6 pounds, drill 3 pounds per acre.

TIMOTHY AND ALSIKE MIXED—The mixture we offer of these two desirable grasses is blended in such proportions as years of experience have shown to give the most desirable combination.

TIMOTHY AND MEDIUM RED CLOVER MIXED—This also makes a very useful mixture for temporary meadow, and gives a heavy crop of excellent hay of high feeding value.

CRESTED WHEAT GRASS—Specially adapted for the Northern Great Plains. Makes excellent hay. Withstands extreme cold and drought. Can be pastured in spring about two weeks earlier than Alfalfa or Sweet Clover.

MEDIUM RED CLOVER. Regarded as the most valuable of the Clover family; a dependable all-round variety. Not only does it produce a heavy weight per acre, but richness of the roots in nitrogen gathering bacteria means added fertility to the soil.

MAMMOTH RED CLOVER. Coarser and stronger growing than the Medium Red. Well adapted for hay, if cut early, but is mostly used as pasture and for fertilizing.

ALSIKE OR SWEDISH CLOVER. Produces the finest quality of Clover hay; unusually hardy, and well adapted for pasture. Thrives best on low and moist lands and is particularly well adapted for mixing with Timothy, as it will grow under similar conditions and can be cured well if grown in this manner.

WHITE OR DUTCH CLOVER. A dwarf, close growing variety, in demand for lawns.

ECONOMY Grass Mixture • for all needs

MEADOW FESCUE or ENGLISH BLUE GRASS (*Festuca pratensis*)—A very useful grass for permanent pasture; makes excellent hay. Sow 15 pounds to the acre.

RED TOP, SOLID SEED (*Agrostis vulgaris*)—Also known as *Herd's Grass*, grows most luxuriantly on moist, rich soils; very robust; produces strong, thick roots and makes a firm sod; very desirable for pasture purposes. Will succeed well on alkali land where other grasses fail. Sow 10 to 12 pounds of solid seed per acre.

KENTUCKY BLUE GRASS (*Poa pratensis*)—Also known as "*June Grass*." Produces an excellent pasture of beautiful verdant green and is particularly adapted for seeding on a pasture field surrounding the home where a good sod of pleasing appearance is desirable. Sow from 30 to 40 pounds per acre.

ORCHARD GRASS or COCKSFOOT (*Dactylis glomerata*)—A very useful grass either sown alone or combined with other grasses for permanent pasture. One of the earliest grasses in the Spring; is unusually productive.



Dakota Improved



Seed Company



Disco**Pedigreed Seed Corn****Have a look at this picture**

**Demand
these
features**

- ★ money back guarantee
- ★ grown from pure bred seed
- ★ dried as nature intended
- ★ carefully stored
- ★ germination guaranteed
- ★ 15 days allowed to test your purchase

• there is no substitute for Disco quality

The best varieties for northern half of Iowa, Southern Minnesota and Eastern South Dakota. Every ear grown from pure bred seed, sack picked, rack dried and tested for germination. Selected and in racks in our drying rooms before killing frost.

read below how we do it—then use your own judgment

Pure Bred, Sack Picked, Rack Dried.

The most important factors in producing good Seed Corn are breeding and selecting to obtain high yielding, sound, disease-free corn. Second only to this comes the question of drying the seed. As soon as the corn is mature enough and before any hard frosts have injured it for seed, it is picked and hauled from the field and taken to our large corn drying rooms on the top floor of the seed house. It is hung in racks, such as you see in the accompanying picture, no two ears touching. All corn is hung within a few hours after it is picked.

Our method of drying is expensive, but it is worth it.

Our method of drying is an expensive method that requires ample space and dries out

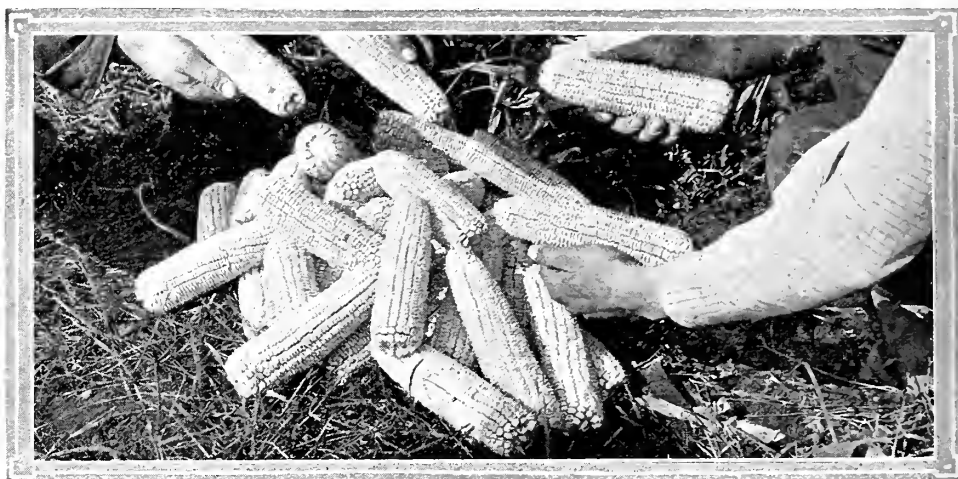
the corn naturally. Do not confuse our method with kiln driers, which dry corn in from twenty-four to forty-eight hours. The seed house is equipped with a large hot-air heating plant with pipes for carrying the warm dry air to every part of the building. The heating plant has a large, electrically driven blower, which will change all the air in the building every few minutes. As soon as we start to hang the corn in the fall, the many windows are opened, and the furnace and the blower are started, so that a constant flow of warm, dry air is circulating through the corn all the time. This dries it thoroughly, yet not so fast as to injure the germination. A proof of our drying facilities is the fact that all our corn is in shape to ship December 1st, at this writing.

Fifteen days to test any way you wish. Money back if not satisfied.

**Dakota Improved****Seed Company**

Disco

Pedigreed Seed Corn

**Silver King White Dent**

SILVER KING—This is one of the most useful varieties ever originated, and is without question the best white corn for Northern Iowa, Southern Minnesota and Wisconsin. It is a big yielder and an excellent corn for the silo because of its leafiness and heavy growth of fodder. This variety is a uniform, creamy white in color and has a slight roughness of kernel. The cob is glistening white and small. Ears average from $7\frac{1}{2}$ to 9 inches in length, and are well filled to tips, and very uniform in size and type. Kernels are of good length, with long deepset germs containing an abundance of oil and protein, making it of high value as a feeding corn. If you are looking for an early white corn, you cannot do better than to plant Silver King this year. It matures in about 100 days.

EARLY CALICO—Is earlier than the large dent varieties, and is very popular as an early feeding corn. It is a great drouth resister, and will do better on old and thin soil than most any other variety, while on good soil it will yield 50 to 70 bushels per acre. It grows from 7 to 9 feet in height, is very stalky with heavy foliage, making an excellent fodder or ensilage corn. Color is white and red, kernels deep and cob small.

SWEET CORN FODDER—One of the best fodder crops that is generally overlooked by the dairymen and growers of livestock. It is claimed by dairy farmers that the sweet corn fodder will increase production greatly and keep the animals in the best of condition. It is so sweet and palatable that the cattle eat both stalks and leaves. For best results plant thicker than ordinarily or drill in rows

allowing about ten inches apart for each plant.

REID'S—The largest variety grown in this section of the state and requires 110 to 115 days to mature. Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all the other varieties of yellow corn combined. Because of its large growth it is a very profitable variety to plant in the north for the silo. The ears average 9 to 10 inches in length with the rows distinctly paired. The kernels are deep and of extra high feeding value. Reid's Yellow Dent is the ideal corn where it can be safely grown, but it is too late for any place north of the north Iowa line.

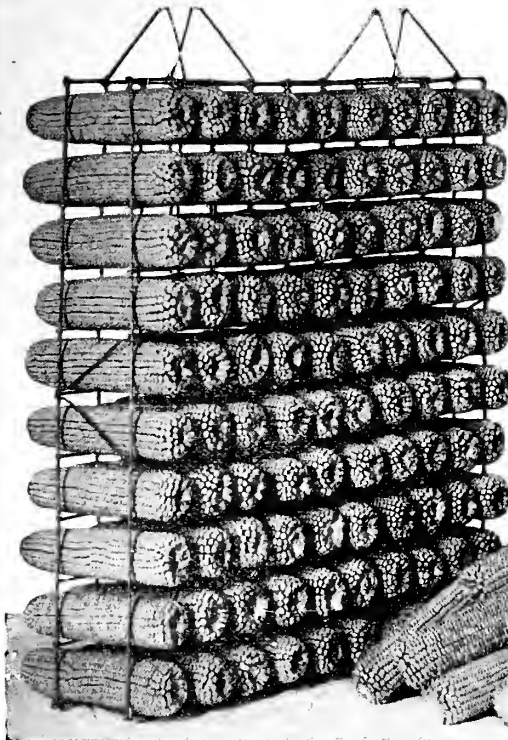
MINNESOTA 13—This variety was originated and disseminated by the Minnesota Agricultural College. It is one of the first of the early varieties that made corn growing profitable much farther north than it had been previously grown. The ears have 14 to 18 rows of bright yellow kernels of medium depth. The ears average 8 inches in length, and are frequently borne two on a stalk. Due to their leafiness, the stalks furnish a great deal of fodder, and the corn is well adapted to hogging off. This is one of the best 90-day maturing corns on the market, and we especially recommend it for late planting.

HYBRID 931—The results of official yield tests made during season 1932 in Palo Alto County, Hybrid 931 outyielded open pollinated varieties from $7\frac{1}{2}$ to 26 $\frac{1}{2}$ bushels per acre. In previous tests spread over a period of seven years Inbred Hybrid outyielded open pollinated or farmers corn in every section of Iowa. Not a showy corn, but one that yields heavily. Bred specially to produce more bushels of good sound corn. Stands up well. Medium height. Ears $3\frac{1}{2}$ feet from the ground, average 9 inches long. Covered from butt to tip with long, deep set kernels. Hybrid 931 was produced and developed at Iowa State College, Ames, Iowa. The stock which we offer has been state inspected during growing season. This variety is certainly well worth considering. You want a heavy yielding corn and here it is.

**Dakota Improved****Seed Company**



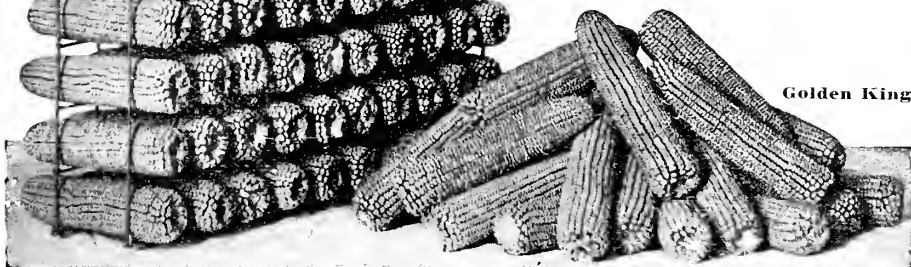
Pedigreed Seed Corn



in our drying racks
EVERY EAR
is AIR-SPACED

FLINT CORN—The flint type of corn is very popular in the northern states and Canada. It will mature in 75 to 80 days, and will make a crop under unfavorable conditions. Many plant a small field of this to hog down because when planted early, it can be hogged down several weeks before any dent is ready.

RAINBOW FLINT—This is an unusually early variety, the kernels being all colors of the rainbow. Is very popular for late planting. The ears are 12 inches long. Is a corn of good quality and yields well.



Golden King

• ask for a copy of our booklet "Corn Culture in the Northwest"
free with orders on request

GOLDEN KING—The wonder corn of Northern Iowa. This corn was developed near Mason City, Iowa, and has proven an excellent yielder for the northern portion of Iowa in the state corn yield tests. The average ear of Golden King is 8 to 9 inches long, has 16 rows, kernels blocky and full at tips, with medium smooth dent. Cob small, woody and free from moisture. Stalks medium size. Shanks small. Easy to husk. Golden King is a medium early or 95 to 100-day variety under favorable conditions. We recommend it for Northern Iowa, Southern Minnesota and South Dakota.

EARLY MURDOCK GOLDEN DENT—Murdock Golden Dent is a little earlier than Reid's Reliance and matures in 95 to 100 days. Stalks are medium in height. Ears are inclined to be short, from 7 to 8 inches, but quite thick, having 16 to 20 rows usually. Kernels are very deep, fairly broad, shell out heavily and are of a light yellow color. We recommend it very highly for Southern South Dakota, Southern Minnesota, Wisconsin and Northern Iowa.

REID'S RELIANCE—This wonderful corn, which was originated near Algona, Kossuth County, has proven a winner. It is a cross between Minnesota 13 and Reid's Yellow Dent. Stalks are medium in height, and the ears are about 3½ feet from the ground. The ears average from 8 to 9½ inches in length, and are covered from butt to tip. The kernels are deep, fairly broad, and contain a large percentage of protein and very little starch. The germ is large and thick, covering practically the entire face of the kernel. The kernels are light yellow and the rows are distinctly paired. This is a very distinctive corn, and is as different from common corn as a pure bred is from a scrub. This corn produced from 50 to 75 bushels on good soil this last year. Having been bred right here in Northern Iowa and selected for earliness continually for eight years, it has developed into a 100-day corn that is safe for this latitude. We recommend it strongly for our customers in Northern Iowa and Southern Minnesota and Dakota, because we know it will mature there.



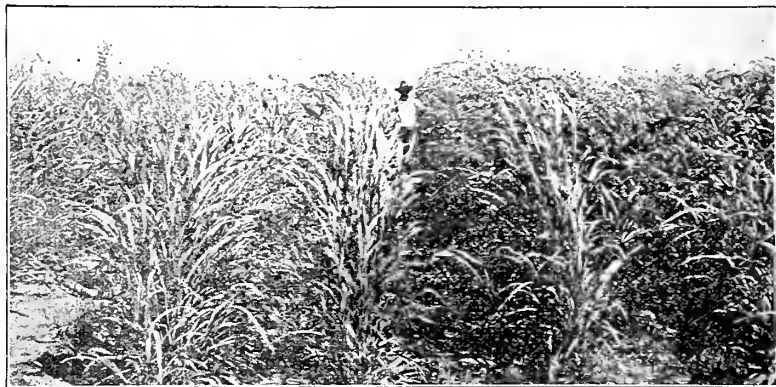
Dakota Improved



Seed Company



Disco Forage and Soiling Crops Defy Drought and Grasshopper



Sudan Grass

the past two dry years have proven Sorghums and Sudan Grass to possess remarkable resistance to Drought and Grasshoppers

Sudan Grass

Do not attempt to sow Sudan Grass too early. It will not withstand frost. Leave seeding till after corn planting. Sudan is the ideal catch crop for hay. Will make a summer pasture within thirty days; its best growth being secured in hot dry weather. Produces at least two cuttings of hay the same year—maybe three. Yields three to five tons palatable, nutritious hay per acre. Broadcast 20 to 25 pounds. Drilled 15 to 20 pounds per acre.

Canes

WACONIA SORGHUM—The earliest, richest, and best Sorghum Cane grown in the Northwest for making syrup. Drill in rows 3½ feet apart at the rate of 5 to 8 pounds per acre.

EARLY AMBER FODDER—This earliest of all fodder cane is becoming more in demand every year. Whereas we formerly handled a few thousand pounds, we now move carlots. It is particularly adapted to the Northwest, and succeeds unusually well. Sow broadcast at the rate of 40 to 60 pounds per acre.

Feterita

Another Sorghum Family grain introduced by the United States Department of Agriculture, from Africa. It is a quite popular high yielding grain crop relished by all live stock, and especially recommended for poultry. It is very drought resisting, early and immune from the attacks of insect pests. Grown for grain, sow in rows 3½ feet apart, 5 to 8 pounds per acre and cultivate. Grown for fodder broadcast 25 pounds per acre.

Kaffir Corn

Makes excellent fodder, either green or cured. Stalks grow 4 to 5 feet high, are very leafy and relished by all live stock. Grown

for seed, yields 35 to 50 bushels per acre. Grown for grain sow in rows 3 feet apart, 5 to 8 pounds to the acre. Grown for fodder broadcast 25 pounds to the acre.

Milo Maize

Very similar in growth to Kaffir Corn, but is preferred by many growers, who claim that it produces more grain per acre and a better quality of forage. Should be sown in the same manner and at the same rate as Kaffir Corn.

Buckwheat

An excellent catch-crop, develops very rapidly, useful either for hay or if allowed to mature gives an excellent grain crop for poultry feeding and household use.

JAPANESE—The best variety for the Northwest. Produces its seeds earlier, resists drought and is very dependable.

SILVER HULL—While not so early as Japanese, is preferred by millers, as it makes whiter, better and more nutritious flour. A nice variety where bees are kept. Broadcast 40 pounds per acre.

Sunflower

RUSSIAN GIANT—Used in the silo either alone or in conjunction with corn. It provides excellent feed and gives a heavier weight per acre in the North than can usually be obtained by planting of corn. Aside from its value in the silo, for poultry feeding, it is second to none. Dry stalks make excellent kindling. Plant at the rate of 10 pounds per acre.

Grohoma

The new grain sorghum. Produces a thick leafy sweet stalk four to five and a half feet in height. Matures later than early Kaffirs and Feterita.



Dakota Improved



Seed Company



Disco Forage and Soiling Crops

Soy or Soja Beans

YOU WILL BE SURPRISED

- * at the phenomenal growth of your hogs
- * at the increased milk production of your cows

We recommend planting Soy Beans in corn. This will produce a wonderful crop for hogging off; for silage or stalk pasture. Planted with corn 4 to 6 pounds per acre. Drilled alone 30 to 45 pounds per acre.

MANCHU—This variety was imported from Northern Manchuria and has proven to be quite an acquisition for use in the Northern States, both for seed and forage. The plants are stout and very erect, a heavy yielder, and it matures in about 110 days.

ILLINI—A new variety of Soy Beans developed at the State Experiment Station, Illinois. Yields a little better than most other varieties and maturing about seven days earlier than Manchu. We recommend the sowing of Illini as a trial but maintaining Manchu as a main crop.

Field or Shell Beans

Grow these for winter use. All our seed is Dakota grown, perfectly acclimated and will grow quickly and mature rapidly.

GREAT NORTHERN—Originally grown by the Indians, very hardy and early; much improved by selection, and we consider them the best quality White Bean in cultivation.

SMALL WHITE NAVY—Local grown so that their earliness is assured. Skin very thin and Bean of excellent flavor.

RED KIDNEY—A good cooker. Much in demand. Some farmers have found growing beans for table use a very profitable side line.



Manchu
Soy Beans

Field Peas

One of the best annual legume crops for the Northwest as the cool temperature at night just seems to suit them and they make their best growth under such conditions. If sown with oats they make excellent feed and are more easily harvested and if necessary can be separated in cleaning.

CANADIAN FIELD—Grow to a height of four feet and will yield from 30 to 40 bushels per acre.

RAPE DWARF ESSEX

- the finest investment in agriculture
- quick growth
- heavy yields
- cheap seeding

RAPE—A forage crop of unlimited uses. May be sown alone as a spring crop for early pasture or with spring grain for fall pasture after the grain is cut. You may plant it just before the last cultivation of corn and so provide fall feed with an increased yield of feed per acre. Sow it almost any time. The cost is so small. When sown alone use 5 to 6 pounds per acre, or with small grain or corn 3 to 4 pounds per acre. As we say "Rape is the finest investment in Agriculture."



Dakota Improved



Seed Company



Disco Millets

WANT A DEPENDABLE CATCH CROP?

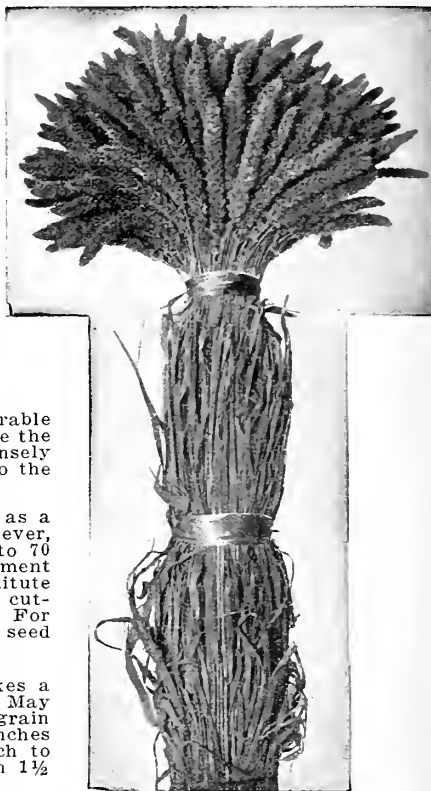
CHECK OFF THESE POINTS:—

- ✓ Quick growing—prolific
- ✓ Wonderful feeding value
- ✓ Thrives in real hot weather
- ✓ Great drought resister
- ✓ Smothers weeds
- ✓ May be sown late
- ✓ Surest quick growing Catch Crop

GOLDEN, LIBERTY or GERMAN—Under favorable conditions the Golden Millet will undoubtedly produce the heaviest yield of hay per acre. It grows very densely and is an excellent cleaning crop. Sow 30 pounds to the acre.

HOG OR BROOM CORN—Can be used as hay or as a cleaning crop just the same as other Millets. It, however, yields an unusually heavy crop of seeds—from 60 to 70 bushels to the acre, and experiments at our Experiment Stations have shown that it is an excellent substitute for wheat. The seed will mature and be ready for cutting as a rule two months after date of seeding. For hay purposes use from 30 to 40 pounds and for seed from 8 to 12 pounds per acre.

PROSO—Large seeded white grain variety. Makes a splendid catch crop where other crops have failed. May be sown quite late in the season. Sow with a grain drill in similar manner to Flax. Drill rows 6 to 8 inches apart in a good seed bed. Three-fourths of an inch to one inch is deep enough to sow; never deeper than 1½ inches. Use 15 to 25 pounds per acre.



WHEN IN DOUBT — USE MILLET

It Costs So Little

EARLY FORTUNE—Of the same type as Hog or Broom Corn with the exception that the color of the seed is red, whereas the Hog or Broom Corn variety is white. A good yielder, the seed being very valuable for either poultry or hog feeding, and it also yields a heavy weight of fodder. Quantity to sow: Same as hog millet.

SIBERIAN—A very fine variety of Millet, also hailing from Russia. Unusually early, extremely hardy and withstands drought. The plant shows a remarkable stooling habit, as many as 30 to 40 stalks frequently grown from one seed. Use 30 to 45 pounds to the acre.

COMMON—Grows an exceptionally sweet and palatable hay. Will thrive on almost any soil; attains a height of from 4 to 5 feet

and is unusually drought resistant, producing a fair crop on even poor soil. Sow broadcast 30 pounds per acre.

DAKOTA KURSK—Experiments conducted at the Experiment Stations in South Dakota have demonstrated beyond dispute the value of this variety. As a hay and seed producer it is without equal and in dry season it seems it will outyield any other variety. Sow at the rate of 30 pounds per acre.

JAPANESE—Justly called Billion Dollar Grass. Will grow from 6 to 9 feet high. Stands up remarkably well and yields enormous crops, over twenty tons per acre being easily obtained. The forage is tender, highly relished and in nutritive value appears to be about equal to the best Sweet Corn Fodder.



Dakota Improved



Seed Company



Disco Improved Seed Grains

We have a complete line of all small grains at your disposal—Wheat, Barley, Rye, Flax, etc.

Owing to the existing uncertainty in the grain market we do not consider it advisable (at the early date of this write up) to list the many varieties of small grain in detail.

While we have taken delivery of some of our small grain we shall continue adding to our stock for some little time yet. We shall be well in shape long before seeding time and be in a position to offer thoroughly re-cleaned grain of all kinds. **LET US KNOW YOUR REQUIREMENTS.**

PREVENT LOSSES Use Seed Disinfectants



Ceresan

A dust disinfectant for Wheat, Oats, Barley, other cereals and Cotton. 1-lb. tin, 75c; 5-lb. tin, \$3.00; 25-lb. pail, \$12.50; 100-lb. drum, \$49.00; 300-lb. drum, \$144.00.

Improved Ceresan for wheat, 1-lb. tin, 75c; 5-lb. tin, \$3.00.

Semesan Jr.

A dust disinfectant for seed corn. 4-oz. tin, 40c; 1-lb. tin, \$1.50; 5-lb. tin, \$7.00; 25-lb. pail, \$28.75; 100-lb. drum, \$110.00; 300-lb. drum, \$315.00. Prices Not Postpaid.

Semesan

A general disinfectant for vegetable and flower seeds or bulbs, and certain plant diseases. 2-oz. tin, 50c; 1-lb. tin, \$2.50; 5-lb. tin, \$11.75; 25-lb. pail, \$46.25; 100-lb. drum, \$180.00; 300-lb. drum, \$525.00.

Semesan Bel

An instantaneous dip disinfectant for seed potatoes. 4-oz. tin, 50c; 1-lb. tin, \$1.75; 5-lb. tin, \$8.00; 25-lb. pail, \$31.25; 100-lb. drum, \$120.00; 300-lb. drum, \$345.00.

Disco Root Crops

Purple Top Swede or Rutabagas

700. **MONARCH**—An early, heavy-cropper, oval shaped Rutabaga of fine quality. Best for early use. Pkt. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; 1 lb. 55c, postpaid.

703. **BANGHOLM**—Hardy, round - shaped Swede, excellent cropper; good keeper. Pkt. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; 1 lb. 55c, postpaid.

Mangel Wurtzel

730. **GIANT YELLOW INTERMEDIATE or GATEPOST**—Grows to a great size, mostly above the ground, good quality and a heavy cropper. Oz. 10c; ¼ lb. 15c; ½ lb. 25c; 1 lb. 45c, postpaid.

732. **SELECT MAMMOTH or GIANT LONG RED**—The heaviest cropper in cultivation, and a very good feeding variety. Oz. 10c; ¼ lb. 15c; ½ lb. 25c; 1 lb. 45c, postpaid.

Sugar Beets

742. **KLEIN WANZLEBEN**—It is not suitable for stock, but roots used in making sugar, and we recommend same for home use. Oz. 10c; ¼ lb. 15c; ½ lb. 25c; 1 lb. 40c, postpaid.

Sugar Beet or Half Sugar Mangel

740. **GIANT GREEN TOP WHITE**—A heavy cropper, much relished by stock. Easily harvested. Flesh tender and sweet, very solid and of fine texture. Oz. 10c; ¼ lb. 15c; ½ lb. 25c; 1 lb. 45c, postpaid.

741. **GIANT GREEN TOP ROSE**—Grows unusually large. Exceptional feeding value. Ideal for dairy stock. Oz. 10c; ¼ lb. 15c; ½ lb. 25c; 1 lb. 45c, postpaid.

Field Carrots

751. **LONG RED SURREY**—Although it is outyielded by the white carrot, the orange are most in favor for eating purposes. It is a long, heavy yielder, with thick crown, and very little core. It is smooth, sweet, tender, crisp, and mellow. Pkt. 5c; oz. 10c; ¼ lb. 25c; ½ lb. 40c; 1 lb. 75c, postpaid.



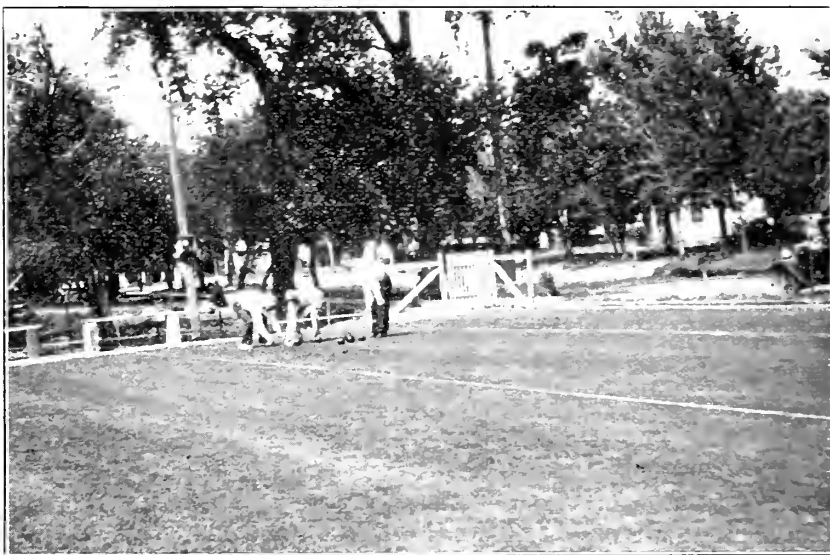
Dakota Improved



Seed Company



GRASSES FOR LAWNS



MITCHELL LAWN BOWLING GREEN

How about Your LAWN?

DISCO CREEPING BENT GRASS MIXTURE—This is composed of *Agrostis* varieties only. A mixture of those marvelous Bent Grasses which have revolutionized lawn making. Will produce a much finer textured turf than ordinary mixtures. The creeping character of these grasses causes them to "mat" and produce the soft luxuriant feel of an expensive rug. Require good soil, adequately fertilized, sunlight, moisture and average care. Sow at the rate of one pound per 250 square feet or 175 pounds per acre. $\frac{1}{2}$ lb. 49c; 1 lb. 75c; postage or express paid.

Special quotations for larger quantities.

DISCO EVERGREEN MIXTURE—Long experience in the preparation of Lawn Mixtures has resulted in this now famous blend. Disco Evergreen represents the very finest scientific combination of dwarf and close growing grasses, producing a soft velvety turf in remarkably short time. Made up entirely from our own exclusive formula, blended in proportions we know to be just right for our rigorous climatic conditions. $\frac{1}{2}$ lb. 24c; 1 lb. 30c; 3 lbs. 80c; 5 lbs. \$1.00. Special prices for larger quantities.

Special Grasses for Growing Under Trees or in Shady Places

POA NEMORALIS—One of the very few grasses which thrives in comparatively dense shade.

POA TRIVIALIS—A desirable ingredient in partially shaded lawns. Resistant to drought.

Prices on application.

* creeping bent grasses have revolutionized LAWN MAKING

GENUINE SEASIDE CREEPING BENT—Has many outstanding qualifications which favors it above all other varieties. Forms sod very quickly, spreads rapidly. Fine leaved, bright green color is especially well maintained during hot weather. Sow at the rate of 1 pound per 250 square feet. $\frac{1}{2}$ lb. 55c; 1 lb. \$1.00, postpaid. Special prices for large quantities.

WHITE DUTCH CLOVER—A dwarf-growing clover. Very valuable for lawn purposes. Requires little care and maintains its dark green color with very little watering. Your White Dutch must be pure—cheap impure seed will probably spoil your lawn. $\frac{1}{2}$ lb. 25c; 1 lb. 50c. Post prepaid.

For Better Results

FERTILIZE

VERT. The ideal plant food for Lawns, Flowers, Gardens.

5-lb. Canister, perforated top.....	\$.50
25-lb. Bag	1.50
50-lb. Bag	2.50
100-lb. Bag	4.00

F. O. B. Warehouse



Dakota Improved



Seed Company



Disco Northern Grown Vegetable Seeds

Disco Asparagus

★ the proudest moment for the home gardener is when she places a dish of beans on the table and says: "These are from our own garden."

One of the earliest and most delicious Spring vegetables. Should be grown in every garden.

12 MARTHA WASHINGTON—An entirely new rust-resistant Asparagus introduced by the United States Department of Agriculture, which we believe will soon be grown to the exclusion of all other sorts. A very heavy yielding variety, of dark green color with long, thick, heavy stalks closely folded at the tips. **Pkt. 5c; oz. 10c; ¼ lb. 30c, postpaid.**

MARTHA WASHINGTON, extra large strong roots. **12. 45c; 25, 80c; 50, \$1.50; 100, \$2.50, postpaid.**

Disco Beans

Dwarf Bush Varieties

★ Our recommended selection consists of those varieties which from long experience we believe to be the very best.

20 GOLDEN WAXPOD IMP.—The most popular wax variety and one of the best. Very early and a heavy cropper, the pale yellow pods sometimes growing eight inches long. Flesh brittle, stringless and of good quality. **Pkt. 5c; ½ lb. 15c; 1b. 25c; 3 lbs. 70c; 5 lbs. \$1.00, postpaid.**

21 DISCO KIDNEY WAXPOD—Resembles the old favorite Wardwell's but more robust and prolific. Pods eight inches long stringless, fibreless, very fleshy and brittle; attractive clear yellow color. **Pkt. 5c; ½ lb. 20c; 1b. 30c; 3 lbs. 80c; 5 lbs. \$1.25, postpaid.**

22 PENCIL POD BLACK WAX—The finest of the dwarf black seeded wax varieties. Exceptionally early and productive. Pods seven inches long, round, straight and cease-backed, perfectly stringless, fleshy and brittle. **Pkt. 5c; ½ lb. 15c; 1b. 25c; 3 lbs. 70c; 5 lbs. \$1.00, postpaid.**

23 DISCO WHITE KIDNEY WAX—Early, productive and attractive, pods large and flat, 7 inches long, very uniform and straight, color clear bright yellow. Seed white, kidney-shaped. **Pkt., 5c; ½ lb., 15c; 1b., 25c; 3 lbs., 70c; 5 lbs., \$1.00, postpaid.**

31 DISCO STRINGLESS GREENPOD—Very early, hardy, vigorous and productive. Large pods, stout, round, tender and brittle; dark green in color. Perfectly stringless. Finest quality. **Pkt., 5c; ½ lb., 20c; 1b., 30c; 3 lbs., 80c; 5 lbs., \$1.25, postpaid.**

32 BOUNTIFUL STRINGLESS—Excellent early variety. Strong growing, erect and very prolific. The light green, long, straight broad pods are very uniform in size and shape. Tender and free from strings. **Pkt., 5c; ½ lb., 15c; 1b., 25c; 3 lbs., 70c; 5 lbs., \$1.00, postpaid.**

Lima Beans

52 NEW WONDER BUSH LIMA—A very fine mid-season variety, unusually dwarf. Beans are very broad and are as large as many of the pole varieties. **Pkt., 10c; ½ lb., 20c; 1b., 35c; 3 lbs., \$1.00; 5 lbs., \$1.60, postpaid.**

Pole or Climbing Varieties

42 KENTUCKY WONDER or OLD HOME-STEAD—Very early and productive, pods will grow to 8 or 9 inches long; are very slender, curved, and of the tender quality. **Pkt., 5c; ½ lb. 20c; 1b., 30c; 3 lbs., 80c; 5 lbs., \$1.25, postpaid.**

43 KENTUCKY WONDER WAX—One of earliest pole wax varieties. Pods 9 inches long, fleshy and brittle; color light yellow. **Pkt., 5c; ½ lb., 20c; 1b., 30c; 3 lbs., 80c; 5 lbs., \$1.25, postpaid.**

Field or Shell Beans. See page 11.



Disco Stringless Green Pod



Dakota Improved



Seed Company



Disco Beets (Table)

71 DETROIT DARK RED—One of the very best sorts for home or market garden and for canning or pickling. Roots uniformly smooth, medium size, and beautifully globe shaped; skin blood-red, flesh dark red, zoned with a lighter shade; quality tender and sweet. Pkt., 5c; oz., 10c; ¼ lb. 20c, postpaid.

73 EARLY BLOOD TURNIP—Improved early thick top shaped, smooth with carmine red flesh zoned with lighter shade. The leaves are green, tinged red. Pkt., 5c; oz., 10c; ¼ lb., 20c, postpaid.

Disco Cabbage

have a supply
of cabbage
all the year
round



Extra Early Jersey Wakefield

110 DISCO ALPHA—The earliest variety. Should be sown for first crop. Ten days earlier than Jersey Wakefield, the heads are small, heart-shaped and very solid. May be planted very close as it produces very few outer leaves. Pkt., 5c; oz., 25c; ¼ lb., 65c, postpaid.

111 EARLY JERSEY WAKEFIELD—Early, pale glaucous green, with blunt conical heads of good size. The most widely known and popular variety. Pkt., 5c; oz., 20c; ¼ lb., 50c, postpaid.

112 EARLY WINNIGSTADT—Early main crop, firm, compact, short conical head, rather leafy, leaves undulated at the edge. One of the best for either early or late use. Pkt., 5c; oz., 20c; ¼ lb., 55c, postpaid.

113 COPENHAGEN MARKET—Short-stemmed, growth compact, outer leaves small, tightly folded over a solid, flattish, ball-shaped head. Will yield a greater crop per acre than any other Cabbage. Our stock is true to type and matures with great uniformity. Pkt., 5c; oz., 20c; ¼ lb., 55c, postpaid.

115 PREMIUM FLAT DUTCH—Large heads flattened on the top, very full and firm, long stem. Will stand more frost than most varieties, and may be left later in the ground. Pkt., 5c; oz., 20c; ¼ lb., 50c, postpaid.

116 DANISH BALLHEAD—A very distinct short-stemmed Cabbage, with round, very hard and solid heads, a late variety, popularly grown for keeping through the winter. Pkt. 5c; oz., 20c; ¼ lb., 55c, postpaid.

118 GOLDEN ACRE—Extra early Cabbage of the Copenhagen Market type. The heads are perfectly solid, round with few outer leaves. This, we believe to be the best early Cabbage for both private and market gardeners of the round or ballhead type. Pkt., 10c; oz., 25c; ¼ lb., 65c, postpaid.

130 RED DUTCH DWARF—Earliest of the red varieties, and the best for pickling. Pkt., 5c; oz., 20c; ¼ lb., 55c, postpaid.

140 SAVOY DWARF GREEN CURLED—Sometimes called "Honeycomb Cabbage." Hearts quite green and very solid; will stand twenty degrees of frost and remain a long time on the ground fit for use. Pkt., 5c; oz., 25c; ¼ lb., 65c, postpaid.

150 CHINESE (Pe Tsai)—Celery Cabbage, resembles Cos Lettuce, but has a decided Cabbage flavor. Pkt., 5c; oz., 15c; ¼ lb., 45c, postpaid.

Cabbage Plants

Charleston Wakefield, Flat Dutch, Copenhagen Market, Glory of Enkhuizen and Succession.

Minimum Package is 25 Plants. 25 plants, 35c; 100 plants, \$1.25, postpaid.

Disco Carrots

160 CHANTENAY—Excellent medium early half long stump-rooted variety, about 6 to 8 inches long, very thick, smooth and of a deep orange-red color. This variety and Oxheart are really most popular sorts. Pkt., 5c; oz., 10c; ¼ lb., 35c, postpaid.

161 DANVERS HALF LONG—Pale color, half-long semi-stump rooted. Short top. Very sweet and tender quality flesh. Pkt., 5c; oz., 10c; ¼ lb., 35c, postpaid.

162 EARLY SCARLET HORN—Roots three inches long; color orange red, inclined to be blunt rooted, splendid for first early or market use. Forces well in frames. Pkt., 5c; oz., 10c; 4 oz., 35c, postpaid.

163 OXHEART or GUERANDE—Very short and thick, four and one-half to five

inches long; easily harvested; color light bright orange; flesh very delicate and sweet; early. Pkt., 5c; oz., 10c; ¼ lb., 35c, postpaid.

- our new strain of Oxheart is the most deliciously flavored carrot we have ever handled

164 ST. VALERY LONG RED—Roots ten to twelve inches long, smooth, bright red, broad at the neck and tapering to a point; flesh thick, sweet and tender, suitable for field culture, does best in light, deep, rich soil. Good winter keeper. Pkt., 5c; oz., 10c; ¼ lb., 35c, postpaid.



Dakota Improved



Seed Company



Disco Cauliflower

As Easily Grown as Cabbage

170 ALL SEASONS, EXTRA IMPROVED

- Sow at intervals
 - Splendid heads available all season
 - We recommend ALL SEASONS very highly indeed
- Prices, pkt., 10c; ¼ oz., 45c, postpaid.

171 EARLY SNOWBALL EXTRA SELECTED—One of the best for the Northwest; early and superb quality. Our strain has been carefully selected and we know it will please you. Pkt., 10c; ¼ oz., 45c, postpaid.

CAULIFLOWER PLANTS

Minimum package is 25 plants.
25 plants, 45c; 100 plants, \$1.50, postpaid.

Disco Celery

180 GIANT PASCAL IS POPULAR

Because:—

- ★ It blanches a beautiful yellow white
- ★ It is solid and crisp
- ★ Has a fine nutty flavor

Pkt., 5c; ½ oz., 15c, postpaid.

181 GOLDEN SELF-BLANCHING—A French variety introduced in 1883. Undoubtedly the finest early Celery. Pkt., 10c; ½ oz., 25c, postpaid.

182 WHITE PLUME IMPROVED—Distinguished by the silvery white color of its inner leaves. A very early handsome variety, easily blanched. Pkt., 5c; ½ oz., 15c, postpaid.

183 EASY BLANCHING—Resembling Golden Self-Blanching, but the leaves are green and the stalks blanch white instead of yellow. Pkt., 10c; ½ oz., 25c, postpaid.

190 CELERIAC or TURNIP-ROOTED CELERY—Develops, instead of the usual stalks, a broad, coarse root, which it much esteemed as a vegetable for flavoring soups. Pkt., 5c; ½ oz., 15c, postpaid.

Disco Swiss Chard

80 LUCULLUS—The cut-and-come again Spinach. If its merits, usefulness and easy cultivation were even half appreciated, it would find a place in every garden. Produces abundance of greens which can be used all Summer. Pkt., 5c; oz., 10c; ¼ lb., 20c, postpaid.



Giant Pascal

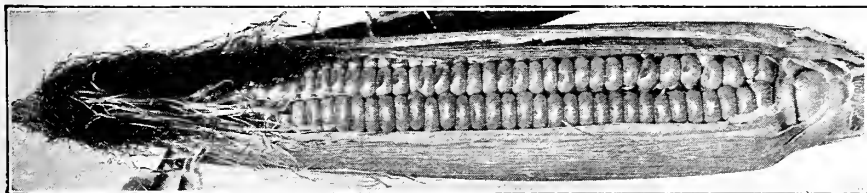
Disco Sweet Corn

219 GOLDEN GEM—The earliest corn known. The stock are very dwarf, ears not large, average six to eight inches, two or three on a stalk. Tender and of fine flavor. If you think you can't grow corn—try Golden Gem. Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 3 lbs., 80c; 5 lbs., \$1.20, postpaid. By express 10 lbs., \$1.75.

221 GOLDEN BANTAM—Early; golden yellow in color, of highest quality. Ears six to seven inches long. Our stock has been most carefully selected. Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 3 lbs., 70c; 5 lbs., \$1.15, postpaid. By express, 10 lbs., \$1.50.

222 DISCO FIRST AND BEST—One of the earliest maturing varieties; beautiful white color. For such an early variety produces a wonderfully large ear. Beautiful quality. Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 3 lbs., 70c; 5 lbs., \$1.15, postpaid. By express, 10 lbs., \$1.50.

223 EARLY MAMMOTH WHITE CORY—The earliest and best of all extra early sweet corn. Ears ten to twelve-rowed; seven to eight inches long; very sweet, tender and white. If you have not tried this, do so, it will certainly please you. Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 3 lbs., 70c; 5 lbs., \$1.15, postpaid. By express, 10 lbs., \$1.50.



Suushine

Disco Sweet Corn (Continued)

224 WHIPPLE'S EARLY YELLOW—This variety selected and introduced by the celebrated corn raiser, Mr. Whipple. Yellow variety, somewhat similar to Golden Bantam or Buttercup, but is earlier than either of these varieties; is equal in quality and the ears are much larger than Golden Bantam. Destined to become very popular; suitable for both market or home use. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.15, postpaid. By express, 10 lbs., \$1.50.

235 SUNSHINE—A new variety developed by Prof. Yeager of North Dakota. The nearest approach in quality to Golden Bantam being ten days earlier and producing larger ears. We heartily recommend it for both home gardens and truck gardens. Pkt., 5c; ½ lb., 20c; lb., 30c; 3 lbs., 80c; 5 lbs., \$1.20, postpaid. By express, 10 lbs., \$1.75.

Second Early Varieties

226 HOWLING MOB—Ears are from nine to ten inches long, sixteen-rowed, of a beautiful white color, and of excellent quality; a good sort for general use both for the home garden and also for the market grower. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.15, postpaid. By express, 10 lbs., \$1.50.

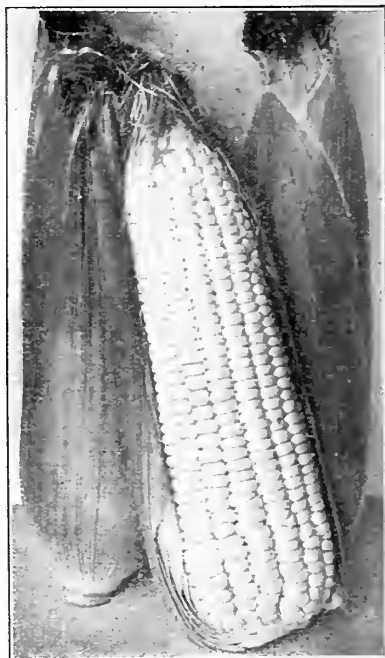
231 BANTAM EVERGREEN—A cross between Golden Bantam and Stowell's Evergreen. The ears grow about eight inches long, twelve to fourteen-rowed, matures with Howling Mob; the kernels are broad and deep, of a rich golden yellow color. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.15, postpaid. By express, 10 lbs., \$1.50.

Main Crop Varieties

227 BLACK MEXICAN—This famous old variety which will be remembered because of its unusual sweetness and delicate flavor, has been much improved by selection, and the stock we now offer is sufficiently early and hardy to be grown with perfect success anywhere in the United States.

This corn when ready for the table is a beautiful clear white, but when the grain is ripe it is a peculiar black or bluish black. We recommend this as the most desirable main crop variety. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.15, postpaid. By express 10 lbs., \$1.50.

228 COUNTRY GENTLEMAN—The ears are from 8 to 9 inches long; the cob is small, white in color and densely covered with long, white, slender grains. A heavy cropper and owing to its unusually robust husk, it is protected in such a manner that it retains its tenderness and keeps in the "milk stage" for an unusually long time. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.15, postpaid. By express, 10 lbs., \$1.50.



Stowell's Evergreen

HAVE YOU HAD BAD LUCK with your Sweet Corn?

● Our New Strain of
229 STOWELLS EVERGREEN
will make all the difference
Try It

Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 65c; 5 lbs., 95c, postpaid. By express, 10 lbs., \$1.40.

Pop Corn

Pop Corn that Pops— Like Dynamite

232 TNT Pop Corn

AN NEW VARIETY

- ★ Produces very large ears
- ★ Unusually heavy yielder
- ★ Pops enormous kernels
- ★ Crisp and tender
- ★ No hard centers

Prices, pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 65c; 5 lbs., 95c, postpaid. By express, 10 lbs., \$1.00.

230 WHITE RICE—The leading market variety, matures early, a good yielder and excellent quality. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 65c; 5 lbs., 95c, postpaid. By express, 10 lbs., \$1.00.

233 JAPANESE WHITE HULLESS—If you have not tried this wonderful new Pop Corn you certainly ought to. The ears are about two or three inches long, the kernels on an average ear will usually produce twice as much Pop Corn as on the average large size White Rice ear, and with practically no waste as the kernels pop practically to the last kernel. Our seed is South Dakota grown, it can therefore be depended on to mature. Splendid flavor and a great cropper. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 65c; 5 lbs., 95c, postpaid. By express, 10 lbs., \$1.00.

● CORN FOR POPPING—Lb., 6c; 10 lbs., 50c, not prepaid.



Dakota Improved

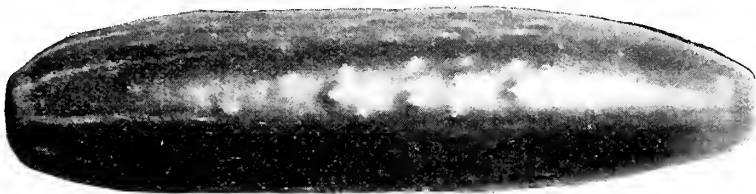


Seed Company



Disco Cucumbers

• a
cucumber
you may
rely upon



247 LONG GREEN IMPROVED

239 EARLIEST OF ALL (White Spine)—Is medium in length, smooth and very symmetrical, dark green color. For long distance shipping. Size $7\frac{1}{2} \times 2\frac{1}{2}$ inches. Edible in 55 days. Pkt., 5c oz., 10c; $\frac{1}{4}$ lb., 25c, postpaid.

240 EXTRA EARLY RUSSIAN (Black Spine)—The smallest Cucumber we grow, extremely early and amazingly productive. For small uniform pickles. Edible in 50 days. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c, postpaid.

241 EARLY FORTUNE (White Spine)—In our opinion the best long distance shipping Cucumber. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c, postpaid.

242 CHICAGO PICKLING (Black Spine)—The most popular of the small, early pickle varieties. It is enormously productive and very disease resistant. Edible in 58 days. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c, postpaid.

243 COOL AND CRISP (White Spine)—Nearly white when fully mature. While not a popular variety, it is early, prolific and desirable. Edible in 55 days. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c, postpaid.

244 EXTRA LONG WHITE SPINE—Somewhat similar to the Davis Perfect, except it is longer and larger. Edible in 60 days. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c, postpaid.

245 JAPANESE CLIMBING (Black Spine)—A distinct variety used for its climbing qualities to cover trellises and fences. Edible in 58 days. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c, postpaid.

247 LONG GREEN IMPROVED (Black Spine)—The standard Cucumber for either slicing or pickling, the Long Green enjoys about twice the popularity use that does any other. It is extremely prolific, medium late, and for hardiness and disease resistance is the best variety. The ends taper somewhat and it is slightly warted. For general use for all purposes there is no superior to Long Green. The small pickles are well shaped, while in the slicing stage, the fruits are very attractive. It is sometimes called "London Long Green." Size 13×3 inches. Edible in 62 days. Weight $3\frac{1}{2}$ pounds. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c, postpaid.

249 EARLY CLUSTER—A prolific Cucumber setting the fruits in clusters of two or three. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c, postpaid.

Disco Egg Plant

251 NEW YORK IMPROVED PURPLE—The plant grows to a large size; of a spreading nature and absolutely spineless. For main crop, we heartily recommend this excellent variety. Pkt., 10c; oz., 30c, postpaid.

DISCO HERBS

Dill, Sweet Majoram, Summer Savory. Pkt., 5c.

Disco Kale or Borecole

260 DWARF GREEN CURLED SCOTCH—Grows 1 to $1\frac{1}{2}$ feet high, spreading growth, leaves intensely curled. Pkt., 5c; oz., 15c, postpaid.

Kohl-Rabi

Bulbs grows above ground; are stripped and cooked like turnips, but are much sweeter and finer flavor.

270 EARLY WHITE VIENNA—Best for garden cultivation, early, dwarf top, fine quality. For field variety, see Field Roots, page 13. Pkt., 5c; oz., 15c, postpaid.

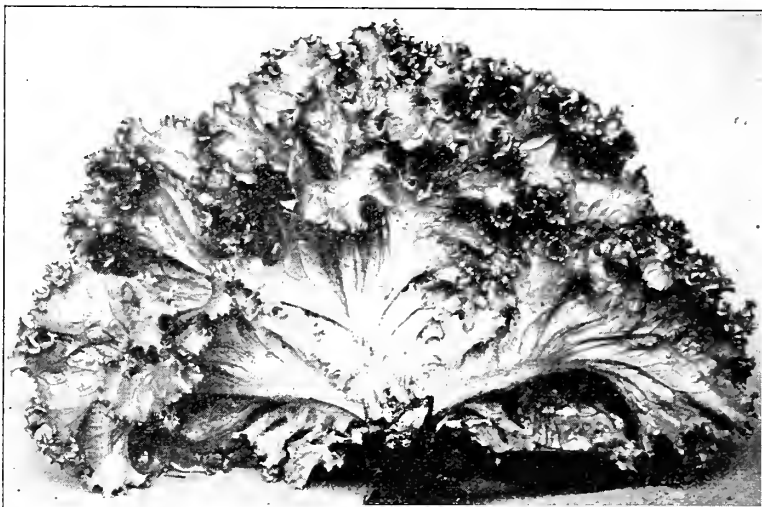


American Flag Leek

Leek

290 LARGE AMERICAN FLAG—The most popular variety with gardeners everywhere; of strong growing habit, very broad leaved. If earthed up, blanches beautifully, forming excellent long white plants which are a delight to the cook. Pkt., 5c; oz., 20c, postpaid.

Disco Lettuce



Grand Rapids Lettuce

try a
new
variety
Lettuce
this
year
—it
may
surprise
you

301 BIG BOSTON—Very popular for outside culture as well as cold frame forcing. Heads large and compact; leaves broad, almost smooth; color light green, slightly tinged with reddish brown; heart greenish white, tinged yellow; of good quality. **Pkt., 5c; oz., 15c; ¼ lb., 35c, postpaid.**

302 CALIFORNIA CREAM BUTTER—Plant compact, heads large, globular and very firm; leaves broad, crumpled and very thick; color dark, glossy green, freely spotted deep brown; the heads blanch a beautiful creamy yellow; quality the best. **Pkt., 5c; oz., 15c; ¼ lb., 35c, postpaid.**

303 GRAND RAPIDS—The favorite loose-leaved forcing Lettuce; does well in the Northwest for early planting outdoors. Leaves short, spatulate in shape, excessively crumpled, and the border heavily fringed. A most handsome and attractive Lettuce. **Pkt., 5c; oz., 10c; ¼ lb., 30c, postpaid.**

304 MAY KING—A handsome, extremely early compact heading variety; leaves light yellowish green, tinged reddish brown, while the heart blanches a rich golden yellow. **Pkt., 5c; oz., 15c; ¼ lb., 35c, postpaid.**

305 TENNIS BALL—A very reliable, adaptable, sure-heading sort; heads globular, firm and well blanched; leaves broad and much crumpled; color light green and never spotted brown; finest quality; very suitable for late sowing. **Pkt., 5c; oz., 15c; ¼ lb., 35c, postpaid.**

306 WAY-A-HEAD—A very early, handsome, sure-heading variety; the outer leaves are light green and crumpled; the inner head blanches a rich buttery yellow; of superior quality. **Pkt., 5c; oz., 15c; ¼ lb., 35c, postpaid.**

307 PARIS WHITE COS—Smooth, long, narrow, upright leaves and blanches nicely when tied up; color dark green; quality fine; self-folding. **Pkt., 5c; oz., 10c; ¼ lb., 30c, postpaid.**

308 BLACK-SEEDED SIMPSON—One of the best and most popular large, early loose-heading varieties, succeeding everywhere, and

always reliable. Leaves very broad and crumpled. Color light yellowish green. **Pkt., 5c; oz., 10c; ¼ lb., 30c, postpaid.**

309 PRIZEHEAD—A crisp and tender loose-leaved, non-heading variety, deservedly popular. Color, medium green, shading to brown. **Pkt., 5c; oz., 10c; ¼ lb., 30c, postpaid.**

Disco Muskmelons

316 MILWAUKEE MARKET—A variety very popular in Chicago and Milwaukee markets. Fruits of medium size, nearly round, lightly ribbed and fairly netted. Skin light green; flesh thick, salmon colored and very sweet. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., 75c, postpaid.**

317 HEARTS OF GOLD—A splendid mid-season variety developed from the Hoo-doo, being larger and more uniform. Fruit round with tendency to heart shape, lightly ribbed and covered with a fine gray netting. Flesh very thick, deep salmon color and of high quality. A good shipping melon. **Pkt., 5c; oz., 15c; ¼ lb., 30c; ½ lb., 50c; lb., 80c, postpaid.**

318 HALES BEST—A remarkably early shipping melon, oval in shape, 8 inches long by 4½ inches in diameter with heavy netting and fairly distinct ribbing. Flesh exceptionally thick and deep salmon in color. A most promising variety. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., 75c, postpaid.**

319 EMERALD GEM—A choice variety, the fruits being deep emerald green in color; globular or slightly flattened shape; distinctly ribbed and lightly netted; the flesh being unusually thick, sweet and of a deep, rich salmon color; the seed cavity being very small. An excellent variety for home use and for the local market, but we do not recommend it as a shipping variety. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., \$1.00, postpaid.**



Dakota Improved



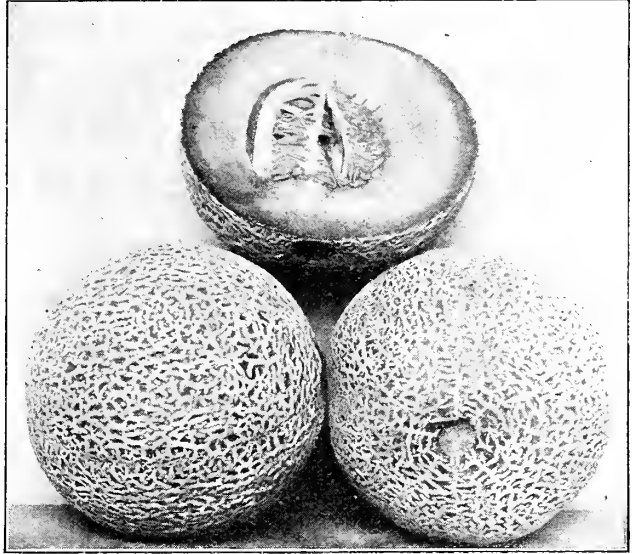
Seed Company



Disco Muskmelons (Continued)

320 EXTRA EARLY KNIGHT—An extremely early medium-sized melon; the fruits being oblong, distinctly ribbed and closely netted; the flesh being fairly thick and very sweet; the color medium green blending to light pink. One of the best melons for Northwest and an excellent shipper. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., \$1.00, postpaid.**

321 HONEY DEW—Green fleshed; rapidly gaining in popularity and bids fair to become one of the most generally grown sorts. The fruits are large, oval shape, generally about 10 inches long and 8 inches in diameter; surface is smooth and hard without ribbing or netting; creamy white in color; the flesh being a light emerald green, very thick and ripening right to the rind. The quality of this melon leaves nothing to be desired. It keeps well and is an excellent shipping sort. **Pkt., 5c; oz., 15c; ¼ lb., 35c; ½ lb., 65c; lb., \$1.00, postpaid.**



Rocky Ford

322 JENNY LIND—An old favorite, unusually early, small, green fleshed; the fruit is round, flattened at ends, ribbed and netted. For an early variety the flesh is very attractive in flavor and quality. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 35c; lb., \$1.00, postpaid.**

323 MONTREAL GREEN NUTMEG—Is possibly famed more than anything else for the unusual size to which it can be grown; fruits weighing 18 to 20 pounds being quite common. Fruits are round, flattened at both ends; medium green color, ribbed and netted; the flesh is remarkably thick and of superior quality. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., \$1.00, postpaid.**

325 BANANA—When growing, looks just like a great big banana; grows about 2 feet long, flesh of a deep salmon color, quality very fine. Excellent specimens are brought in to us by our customers every Summer. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., \$1.00, postpaid.**

326 ROCKY FORD—One of the most popular varieties of Muskmelon. Our strain is an exceptionally good one. The fruit is small, almost round, perfectly smooth, showing no ribs; flesh thick and deep green, showing a faint lining of pink and gold at the center. The quality is of the best. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 70c, postpaid.**

327 POLLOCK'S NO. 25—Very similar to Rocky Ford, except that the flesh is salmon colored. For those who prefer this to the green flesh, we recommend this variety. **Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; lb., \$1.20, postpaid.**

328 EXTRA EARLY OSAGE—A distinct improvement over the old type of Osage, being also a week to ten days earlier. Fruit dark green; flesh rich orange-salmon. One of the best for general use. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., \$1.00, postpaid.**

Disco Watermelons

330 CITRON, COLORADO PRESERVING—A decided improvement on the old Preserving Citron; seeds are green; the shape of the fruit is roundish oblong; very early; hardy and productive. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c, postpaid.**

331 CITRON, RED SEEDED—In many respects this is similar in quality and productiveness to the green-seeded variety. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c, postpaid.**

332 COLE'S EARLY—One of the earliest; very hardy; of medium size, nearly round; rind dark green, striped a lighter shade; flesh deep pink and excellent in quality. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c, postpaid.**

333 PEERLESS OR ICE CREAM—Very early, of medium size, and one of the best for the Northwest; short, oblong in form; rind

thin, light green, mottled and finely veined with a darker shade; flesh bright scarlet and very sweet. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c, postpaid.**

334 ROUND LIGHT ICING—While not as early as Cole's Early, is sufficiently early to insure its ripening in any state in the Northwest or even in Canada. It grows to a fair size, is nearly round; the flesh is a beautiful bright red, while the rind is very light green; the quality is excellent. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c, postpaid.**

335 TOM WATSON—In our opinion the best shipping melon on the market, and second to none as a main crop variety; produces large size fruits; color a medium green; flesh a rich red and of excellent quality. We recommend our strains as being second to none, and suggest that this be used as the main crop sort. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c, postpaid.**



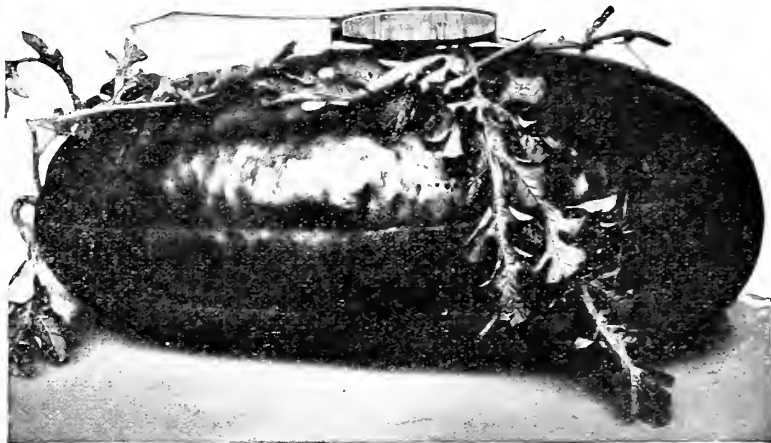
Dakota Improved



Seed Company



Disco Watermelons (Continued)



KLECKLEY'S SWEET

336 KLECKLEY'S SWEET—This melon did very well with many of our customers last season; it grows to a fairly large size, is medium early and exceedingly sweet; oblong in shape; rind very dark green, flesh bright rich red, white seeded. Not recommended for shipping, but excellent for home use. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c, postpaid.**

337 LONG LIGHT ICING—A large type of the long melons. Rind light green; seeds white. Flesh of excellent quality. Early and productive; will produce melons 25 pounds in weight and over. An ideal variety, but not recommended for shipping. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c postpaid.**

338 GOLDEN HONEY—The best of the yellow fleshed melons. Oblong in shape, rind is dark green with irregular stripes of a darker green. We tried this variety out near Mitchell, South Dakota, last year, the results surpassed our expectations. A truly wonderful melon. **Pkt. 5c; oz., 15c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 75c, postpaid.**

339 HUNGARIAN HONEY—A superb early variety, uniformly globe-shaped, color dark

green, mottled and veined with a darker shade, flesh brilliant red, ripening clear to the rind and of highest quality; seeds brown and very small. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.**

341 ROUND DARK ICING—Medium to large in size, moderately early and good in quality. Fruit round and dark green, flesh bright red, seeds white. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.**

342 FORDHOOK EARLY—An extra early variety of fine quality and fair size. From round to oblong. Skin dark green, mottled with a darker shade. Flesh dark red, seeds white. Very popular with some of the large growers in Davison and Sanborn Counties. **Pkt., 5c oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c, postpaid.**

343 PRIDE OF MUSCATINE—A new wilt resistant melon. Long, dark green, thick rind and red crisp flesh. A good shipper. **Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; 1 lb., \$1.25.**

344 SWEETHEART—A very popular strain. Large sized. Shipping melon. Flesh bright red, very sweet and tender. **Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; 1 lb., \$1.25.**

Disco Onion Sets

What is a beefsteak ?
without an ONION •

1-lb. 2-lbs. 4-lbs.

390 Yellow Dutch Onion Sets..	\$0.25	\$0.45	\$0.75
391 White Dutch Onion Sets...	.30	.55	.85
392 Red Dutch Onion Sets....	.25	.45	.75
Postpaid.			

Disco Okra or Gumbo

357 LONG WHITE VELVET—Plants grow to a height of 3½ feet. The pods are white, long, smooth and tender, early and productive. **Pkt. 5c; oz., 10c, postpaid.**

Disco Onion Plants

Crystal White Wax and Yellow Bermuda

Be sure to specify which variety you want when ordering.

200, 50c; 300, 65c; 400, 75c; 500, 85c; 1,000, \$1.40; 3,000, \$3.25.

4,000 to 10,000, 80c per 1,000, express collect.



Dakota Improved



Seed Company



Disco Onions



Mountain Danvers

379 MOUNTAIN DANVERS—This is described by the introducers as the earliest and best keeping yellow globe onion. Our own experience confirms this description and we are pleased to introduce and heartily recommend it. It is a good yielder, and will ripen up hard and solid without any "thick necks" "doubles" or "splits." Pkt., 5c; oz., 20c; ¼ lb., 60c; ½ lb., 95c; lb., \$1.65, postpaid.

360 PRIZETAKER—One of the largest Onions grown in the Middle West, a sure cropper, globe shaped, color light straw, highly recommended. Pkt., 5c; oz., 20c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.50, postpaid.

361 AUSTRALIAN BROWN—Noted for its keeping qualities and productiveness; the color is quite distinct; very early, semi-globe shaped. Should be given a trial in every garden. Pkt., 5c; oz., 20c; ¼ lb., 55c; ½ lb., 90c; lb., \$1.65, postpaid.

363 LARGE RED WETHERSFIELD—Probably the oldest and best known type of Onion. A fine, large, handsome variety with bright red colored, somewhat flattened bulbs and purplish white flesh. Very productive and a good keeper. Pkt., 5c; oz., 20c; ¼ lb., 50c; ½ lb., 80c; lb., \$1.35, postpaid.

364 SOUTHPORT RED GLOBE—The finest type of red Onion; perfect globe shape with a small neck; excellent keeper; color a deep

purplish red. Our strain is particularly good. Pkt., 5c; oz., 20c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.50, postpaid.

380 SOUTHPORT YELLOW GLOBE—A beautiful globe-shaped Onion, color deep golden yellow; small neck and heavy thick skin; flesh white, crisp and mild in flavor; excellent shipping sort. Pkt., 5c; oz., 20c; ¼ lb., 50c; ½ lb., \$80c; lb., \$1.35, postpaid.

381 SOUTHPORT WHITE GLOBE—Globe-shaped; skin of purest paper white, flesh very crisp, fine grained and snowy white in color; exceedingly mild. Pkt., 5c; oz., 25c; ¼ lb., 65c; ½ lb., \$1.10; lb., \$1.75, postpaid.

Pickling Varieties

382 WHITE BARLETTA—Bulb small, beautiful white color, flat on top and conical at the bottom; extremely early and a most valuable pickling sort. Pkt., 5c; oz., 30c; ¼ lb., 85c; ½ lb., \$1.50; lb., \$2.50, postpaid.

385 WHITE WELSH—Does not form a bulb like other Onions, but only a small enlargement at the base of each shoot. Ready for use very early in the Spring; comes up every year. Pkt., 5c; oz., 25c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$1.75, postpaid.

Bermuda Varieties

366 CRYSTAL WHITE WAX—Pure white. Early. Extremely mild and sweet. Good sized flat bulbs. Crystal wax must be cured in the shade or they will sunburn and spoil very quickly. Pkt., 5c; oz., 35c; ¼ lb., \$1.20; ½ lb., \$2.00; lb., \$3.25, postpaid.

367 YELLOW BERMUDA—Similar to Crystal Wax but with a straw colored skin. A better yielder and not so liable to sunburn. Pkt., 5c; oz., 35c; ¼ lb., \$1.20; ½ lb., \$2.00; lb., \$3.25, postpaid.

386 ONION SEED IN MIXTURE—For the convenience of our customers who only want to provide space in their gardens for one patch of Onions, we have made up a mixture consisting of every variety listed in our catalog. By planting this mixture you can, in a small space, have quite a selection to draw from for your varied needs, whether it be a white Onion for a salad or a stronger flavored Onion for soups. In fact, whether you want a white, red, yellow or brown Onion, you can pick whatever you want when you want it. Pkt., 5c; oz., 20c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.50, postpaid.

Disco Parsley

Very useful for flavoring soups and for garnishing.

400 CHAMPION MOSS CURLED—A compact-growing, densely curled variety of a dark green color, very popular for garnishing. Pkt., 5c; oz., 10c, postpaid.

401 HAMBURG or TURNIP ROOTED—The edible roots resemble a small, thick parsnip, both in shape and color; much used for flavoring soups and stews. Pkt., 5c; oz., 10c, postpaid.

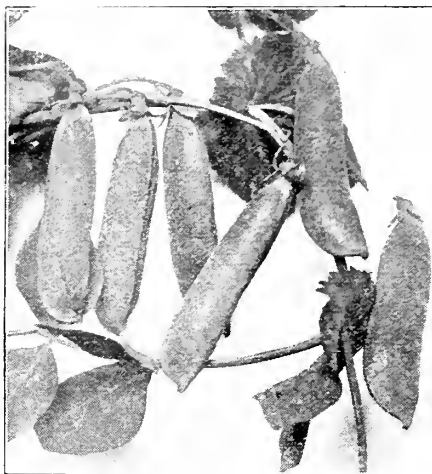
Disco Parsnips

411 LARGE GUERNSEY—Shorter and thicker in the root than "Hollow Crown;" an excellent market gardener's variety. Pkt., 5c; oz., 10c, postpaid.

Disco Peanuts

460 EARLY SWEET—Can be grown in any light sandy soil where potatoes succeed well. Pkt., 10c; lb., 50c; 5 lbs., \$1.75, postpaid.

Disco Peas



Second Early Varieties

442 THOMAS LAXTON—An excellent second early, coming into use almost immediately after Gradus. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.00, postpaid. By express, 10 lbs. or more, 18c per lb.

443 ALASKA—An early small smooth pea of good quality. The dark green color of the pod makes it very desirable for market gardeners. Height, 2½ feet. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.00, postpaid. By express, 10 lbs. or more, 17c per lb.

444 POTLATCH OR BIG DINNER—This splendid variety ripens a few days later than American Wonder; the pods are very much larger, usually borne in pairs and in the greatest profusion. Pkt., 5c; ½ lb., 20c; lb., 30c; 3 lbs., 80c; 5 lbs., \$1.25, postpaid. By express, 10 lbs. or more, 20c per lb.

★ no one ever has too many fresh Peas—plant lots

Early Varieties

420—GRADUS IMPROVED—Quite as early as the old type of Gradus or Prosperity, but a much heavier and more certain cropper. Pkt., 5c; ½ lb., 20c; lb., 30c; 3 lbs., 85c; 5 lbs., \$1.20, postpaid. By express, 10 lbs. or more at 22c per lb.

421 AMERICAN WONDER—Probably the most popular early Pea on this continent. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.00, postpaid. By express, 10 lbs. or more at 17c per lb.

422 LITTLE GEM—Just a trifle later and a few inches taller than the foregoing. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.00, postpaid. By express, 10 lbs. or more at 17c per lb.

423 LITTLE MARVEL—An extra fine dwarf sweet-flavored Pea. Pkt., 5c; ½ lb., 20c; lb., 30c; 3 lbs., 80c; 5 lbs., \$1.15, postpaid. By express, 10 lbs. or more at 20c per lb.

424 NOTT'S EXCELSIOR—A very early dwarf growing variety of branching habit. Pods are small, blunt ended. A heavy cropper. Height, 1½ feet. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.00, postpaid. By express, 10 lbs. or more at 17c per lb.

456 SUGAR DWARF WHITE EDIBLE PODDED—Differs from other Peas in that the pods can be used similar to string beans. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.00, postpaid. By express, 10 lbs. or more at 17c per lb.

Main Crop Varieties

445 BLISS EVERBEARING—An old standard late main crop variety. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.00, postpaid. By express, 10 lbs. or more at 18c per lb.

451 IMPROVED STRATAGEM—One of the best known main crops, and the most popular. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.00, postpaid. By express, 10 lbs. or more at 17c per lb.

452 TELEPHONE—An old favorite, popular in Great Britain for many years. Pkt., 5c; ½ lb., 15c; lb., 25c; 3 lbs., 70c; 5 lbs., \$1.00, postpaid. By express, 10 lbs. or more at 17c per lb.

Disco Pepper

• indispensable for successful salads

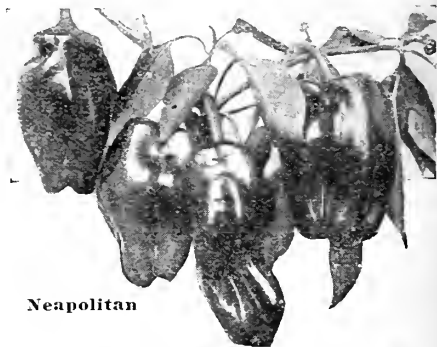
465 LARGE BELL or BULL NOSE—First early; scarlet fruits 2 inches in diameter, 3 inches long, blunt at the end, while the flavor is mild and sweet. Pkt., 5c; oz., 30c, postpaid.

466 LONG RED CAYENNE—Fruits average 4 inches long and ¾ inch in diameter; are a bright red color. Unusually hot and pungent. Pkt., 5c; oz., 30c, postpaid.

467 NEAPOLITAN—Earliest and most productive large variety and one of the sweetest. Fruit bright red, 4 inches long and 2 inches thick. Pkt., 5c; oz., 30c, postpaid.

468 RED CHERRY—Fruits small, round or cherry-shaped; rich scarlet and very hot. Pkt., 5c; oz., 30c, postpaid.

PEPPER PLANTS—35c per doz., postpaid.



Neapolitan



Dakota Improved



Seed Company



Disco Pumpkin

480 EARLY SUGAR—Fruits small, round, flattened at the ends and slightly ribbed. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

482 KING OF THE MAMMOTHS—The giant among pumpkins, specimens having been grown weighing as high as 250 pounds and measuring 2 feet or even more in diameter. Useful alike for pies and stock feeding. An excellent keeper. Pkt., 5c; oz., 15c; ¼ lb., 25c, postpaid.

481 JAPANESE PIE—Grows to a large

size; skin deep green with dark stripes; flesh deep yellow. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

483 LARGE CHEESE or KENTUCKY FIELD—Large, round; flesh yellow; one of the best canning sorts. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

484 CONNECTICUT FIELD—The most popular variety for planting in corn for stock feeding and also for making pies. Pkt., 5c; oz., 10c; ¼ lb., 20c, postpaid.

Disco Radish

Turnip or Round Varieties

492 SCARLET GLOBE—A bright red variety with firm, crisp, tender flesh. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

493 SCARLET TURNIP WHITE TIPPED—Extra early forcing variety, valuable also for ordinary outdoor use. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

495 WHITE GLOBE—A beautiful white skinned variety; tender and crisp. Pkt., 5c; oz., 10c; ¼ lb., 30c, postpaid.

496 TURNIP VARIETIES, MIXED—It enables one to have a varied selection at a small cost and in a small space. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

Olive or Oval-Shaped Varieties

497 FRENCH BREAKFAST—The most popular variety; small and quick growing. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

Long-Shaped Varieties

500 CHARTIER—Roots 7 to 8 inches long, and rather thick; deep scarlet top, pure white at the tip. Pkt., 5c; oz., 10c; ¼ lb., 30c, postpaid.

501 ICICLE—The leading long white radish and one of the earliest. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

503 MIXTURE (All Varieties)—A mixture of all summer varieties for home use; the selections is A-1. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

504 LONG BRIGHTEST SCARLET—One of the best and earliest of the long scarlet radishes; crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

Fall and Winter Varieties

510 BLACK SPANISH, ROUND—Roots round, 3 to 4 inches in diameter. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

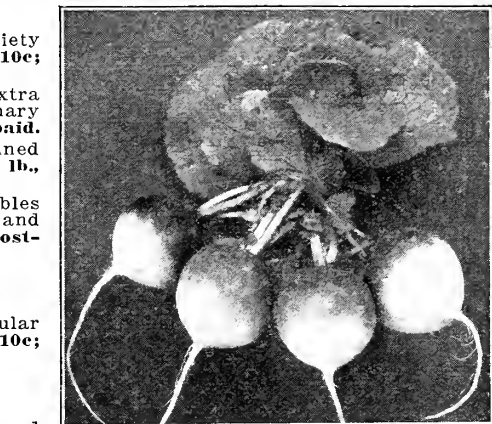
Disco Rhubarb

521 VICTORIA—Well known standard variety. Good for general use. Pkt., 5c; oz., 15c, postpaid.

Disco Spinach

535 BLOOMSDALE or SAVOY—Very early and hardy and one of the best for market and canning. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

536 LONG-STANDING ROUND SEEDED—Slower growing than Bloomsdale; leaves very large and of good substance. Pkt., 5c; oz., 10c ¼ lb., 20c, postpaid.



White Tipped

511 BLACK SPANISH, LONG—One of the latest and hardest varieties for winter use; roots 8 to 9 inches long, 2 to 3 inches in diameter. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

512 CHINA ROSE (Scarlet China)—One of the best winter sorts; skin smooth, rose color; flesh white, crisp, pungent; 4 to 5 inches long and 2 inches thick. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

Disco Salsify or Vegetable Oyster

525 MAMMOTH SANDWICH ISLAND—Roots stored for use as a winter vegetable; leaves may be used as a salad. Pkt., 5c; oz., 15c; ¼ lb., 50c, postpaid.

537 KING OF DENMARK—A recent introduction, and we believe it to be far the best of the long-season varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

540 NEW ZEALAND—Plant tall and spreading, with numerous side shoots; leaves medium green. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.



Dakota Improved



Seed Company



Disco Squash

550 EXTRA EARLY ORANGE MARROW—The earliest of the Marrow Squashes. Very prolific; a good keeper. Pkt., 5c; oz., 15c; ¼ lb., 40c, postpaid.

551 GIANT SUMMER CROCKNECK—The largest and one of the earliest summer varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

552 GOLDEN HUBBARD—Quite like the Hubbard in form and habit but decidedly earlier. Pkt., 5c; oz., 15c; ¼ lb., 30c, postpaid.

553 IMPROVED HUBBARD—The standard Winter Squash; fruits large, heavy and moderately warted; shell dark bronze green; flesh bright orange-yellow, fine grained, thick and dry. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

554 WARTED HUBBARD—This variety of the Hubbard is a very great favorite with the market men. Very striking in appearance.

the warty knobs draw general attention. Grows to nearly double the size of the common Hubbard. Pkt., 5c; oz., 15c; ¼ lb., 30c, postpaid.

555 EARLY WHITE BUSH SCALLOP—Very early summer Squash. Pkt., 5c; oz., 10c; ¼ lb., 30c, postpaid.

558 DELICIOUS—A winter variety of medium size, pear-shaped, of a dark green color, flesh orange, very early and fine flavor. Pkt., 5c; oz., 15c; ¼ lb., 30c, postpaid.

559 MAMMOTH WHALE—Fruit 2 to 3 feet long, skin gray green; flesh orange-yellow. Pkt., 5c; oz., 15c; ¼ lb., 40c, postpaid.

560 TABLE QUEEN—Acorn or Des Moines. A small very productive variety having very many desirable qualities. Pkt., 5c; oz., 15c; ¼ lb., 30c, postpaid.

Disco Tomatoes

581 BONNIE BEST—A very early variety, fruits medium size; good market sort; free from hard core. Pkt., 5c; oz., 25c; ¼ lb., 60c, postpaid.

582 CRIMSON CUSHION—The largest of the bright red colored Tomatoes; heavy cropper, of excellent quality. Pkt., 10c; oz., 65c; ¼ lb., \$1.75, postpaid.

586 PONDEROSA—An exceptionally large, purple fruited Tomato, one of the best for home use. Pkt., 10c; oz., 35c; ¼ lb., \$1.20, postpaid.

587 MARGLOBE—In our opinion, the best of three new disease-resistant varieties introduced under supervision of Dr. F. J. Pritchard of U. S. Department of Agriculture. Fruits are large, smooth and globular, meaty and almost coreless. Very productive, well adapted for truck growing, shipping and as a canning sort. Fruits are red; may be classed as a second early. Pkt., 5c; oz., 30c; ¼ lb., 90c, postpaid.

583 DISCO EARLIANA—We believe the earliest and best Tomato in cultivation; unusually productive for an early sort; round, very smooth and solid; flesh of excellent quality. Pkt., 5c; oz., 25c; ¼ lb., 60c, postpaid.

585 JOHN BAER—Early, productive and of excellent quality. Pkt., 5c; oz., 25c; ¼ lb., 60c, postpaid.

SMALL FRUITED VARIETIES

593 STRAWBERRY (Ground Cherry or Husk)—The true Golden Husk Tomato; esteemed for preserves. Pkt., 5c; oz., 35c; ¼ lb., \$1.25, postpaid.

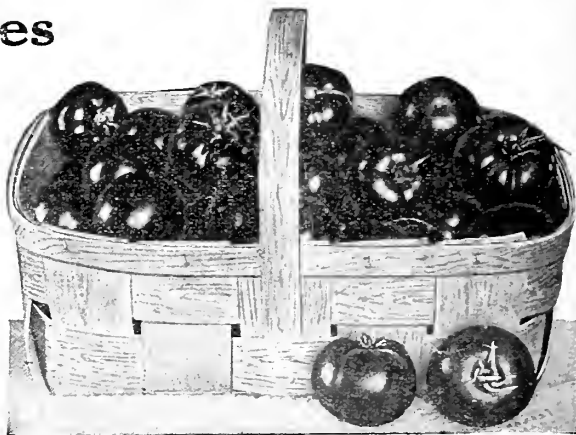
TOMATO PLANTS—Earliana, Marglobe, Ponderosa, Chalks Early Jewel, John Baer, Bonnie Best and Beefsteak, 45c dozen. Red River and Oxheart varieties, doz., 59c.

Disco Turnips

610 PURPLE TOP STRAP LEAVED—The most widely cultivated and best known variety on the American continent. Pkt., 5c; oz., 10c; ¼ lb., 20c, postpaid.

611 PURPLE TOP WHITE GLOBE—Similar to above except perfect globe shape. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

612 WHITE EGG—An early, oval or egg-shaped variety. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.



Disco Earliana

Swede or Rutabaga

614 DISCO SPECIAL GARDEN OR TABLE SWEDE—Compact in top, with small, clean, neat, well-shaped roots, thick skin and sweet, tender flesh. Pkt., 5c oz., 10c; ¼ lb., 20c, postpaid.

Strawberry Plants

MASTODON—Large, vigorous deep rooted. Very large berries, exceptional quality. 12 plants, 40c; 25 plants, 60c; 50 plants, \$1.00; 100 plants, \$1.50; 500 plants, \$7.00.

PROGRESSIVE—An old favorite. Medium sized fruit. Hardest of everbearing strawberries. 12 plants, 35c; 25 plants, 50c; 50 plants, 80c; 100 plants, \$1.30; 500 plants, \$6.00.

SENATOR DUNLAP—The best one crop variety. Heavy yielder and good shipper. 25 plants, 40c; 50 plants, 65c; 100 plants, \$1.00; 500 plants, \$3.85.

RASPBERRY

LATHAM—The leading red raspberry. Hardy, good shipper. 5 plants, 60c; 10 plants, \$1.00; 50 plants, \$3.00; 100 plants, \$4.75; 500 plants, \$21.00.



Dakota Improved



Seed Company



Disco Choice Flower Seeds

finest
1933

Novelties

BODGER'S
NEW DOUBLE
SWEET SCENTEDAWARD OF MERIT by Royal Horticultural
Society England
FIRST PRIZE by Southport Show for the best
novelty introduction in the past ten years
GOLD MEDALS, Atlantic City & Boston Shows

Nasturtium Golden Gleam

● its long stems make it ideal for bunching. The perfume adds to its distinction. See inside back cover. Packet 10c.



CAMPANULA, Annual Canterbury Bells. Mixed—2 to 2½ feet tall. 6 to 8 flower spikes per plant. Blooms first year. Dark blue, light blue, pink, rose and white colors. Gold medal All American Selections flower seed novelties 1933. Packet, 10c.

DELPHINIUM, Annual, Cambridge Blue—2 to 3 feet tall. Suitable for cutting. Delightful clear light blue. Easier grown than perennial Delphinium. Award of merit All American Selections flower seed novelties 1933. Packet, 10c.



HERE'S OUR SPECIAL OFFER—The regular price of these lovely new varieties is 10c per packet. Act promptly and you may have all three for 25c postpaid. The quantity of seed we have been able to secure is very limited.



Dakota Improved



Seed Company



Disco Choice Flower Seeds (Continued)

we admire the flowers
in another's garden—
those in our own
we love

2512 **ALYSSUM**—Benthami Sweet Alyssum, H. A., 4-inch; valuable for edgings. **Pkt., 5c.**

2521 **ANTIRRHINUM**—Majus, dwarf, mixed, H. P., 12 inch. **Pkt., 10c.**

2525 **AQUILEGIA**—H. P., mixed double, 24-inch, very beautiful colors. **Pkt., 10c.**

2527 **ASPARAGUS**—Plumosus nanus, G. P., asparagus fern. **Pkt., 25c.**

2528 **ASPARAGUS**—Sprengeri, G. P., ideal basket plant. **Pkt., 25c.**

ASTERS—H. H. A. Our selection of Asters is the finest ever offered to the garden lovers of the Western States; easily grown; provide abundance of cut flowers. **Pkt., 5c.**

2531 **COMET**, mixed, 18-inch.

2537 **DWARF CHRYSANTHEMUM**—Mixed, 9-inch.

2539 **DWARF VICTORIA**—Mixed, 9-inch.

2559 **BALSAM**—Double Camellia-flowered, H. A., 24-inch. A splendid pot plant. **Pkt., 5c.**

2566 **CALCEOLARIA**—Choice strain, G. A., 18-inch. Spotted, blotched and self-colored. **Pkt., 25c.**

2568 **CALENDULA**—Officinalis fl. pl. Meteor, H. A., 12-inch. Scotch Marigold, double. **Pkt., 5c.**

2581 **CANDYTUFT**—H. A., mixed, extra choice, 12-inch. One of the brightest and easiest grown hardy annuals give a gorgeous display throughout the season. **Pkt., 5c.**

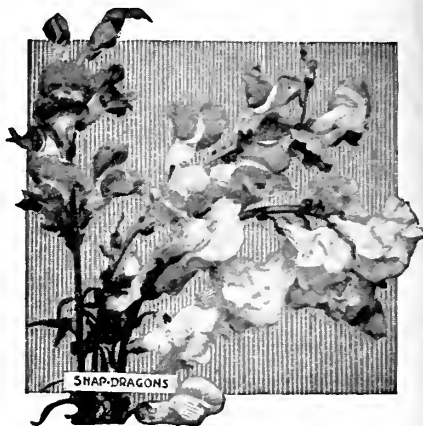
CANTERBURY BELLS—H. P., an old-fashioned flower which everyone should have in their flower garden. **Pkt., 10c.**

2584 **Single Mixed**, 20-inch.

2585 **Double Mixed**, 30-inch.



Vase of Carnations



CARNATION—H. P., sown indoors in February they will bloom in August, double, beautiful flowers and very free bloomers.

2590 **Chaubaud's** or Earliest French, 24-inch. **Pkt., 15c.**

2591 **Margarita**—Semi-dwarf, mixed, 9-inch. **Pkt., 5c.**

CENTAUREA—Cyanus. The popular Cornflower or Bachelor's Button. H. A. **Pkt., 5c.**

2632 **Minor**, blue, 24-inch.

2633 **Minor**, mixed, 24-inch.

CHRYSANTHEMUM—H. A., splendid for cut flowers. **Pkt., 5c.**

2598 **Coronarium**, mixed, double, 18-inch.

2604 **Tricolor**, mixed, 18-inch, bright and effective colors.

2607 **CINERARIA**—Hybrida grandiflora, G. A., 18-inch. **Pkt., 25c.**

CLARKIAS—Should be grown in every garden; easily grown; make a gorgeous display. H. A. **Pkt., 5c.**

2611 **Elegans**.

2614 **Pulchella**, double, mixed, 24-inch.

2615 **COBAEA**—Scandens, mixed, H. H. C. Makes a splendid house plant. **Pkt., 10c.**

2616 **COCKSCOMB**—Glasgow Prize, G. A., 12-inch, beautiful crimson comb. **Pkt., 10c.**

2617 **COLEUS**—(Flame Nettle) mixed, G. P., 24-inch, beautiful foliage plant, fine for window, pretty year in and year out. **Pkt., 10c.**

2620 **CONVOLVULUS**—(Morning Glory.) Beauty and delicacy of color. Thrives almost anywhere. **Pkt., 5c.**

2624 **COSMOS**—Mammoth Giant, mixed, H. H. A., 42-inch. **Pkt., 5c.**

2646 **DAHLIA**—H. H. P., choice double, 48-inch. **Pkt., 10c.**

2650 **DELPHINIUM**—(Wrexham Type), H. P. Mixed single and double, all colors. **Pkt., 10c.**

2653 **DIANTHUS**—Chinensis, double, mixed, H. B., 12-inch. **Pkt., 5c.**

2685 **ESCHSCHOLTZIA**—California Poppies, splendid for borders, will produce an abundance of flowers all summer, H. A., 12-inch, mixed. **Pkt., 5c.**



Dakota Improved



Seed Company



Disco Choice Flower Seeds (Continued)

2821 FOUR O' CLOCKS—(Marvel of Peru). Free flowering garden favorite. Fine mixed colors. Pkt., 5c.

2694 GERANIUM—Zonale, choice, single mixed, G. P., 18-inch, delightful colors. Pkt., 25c.

GODETIA—Nothing can equal it for quickly producing a blaze of flowers; H. A. Pkt., 5c.

2705 Mixed, tall varieties, 18-inch.

2706 Dwarf varieties, 12-inch.

2714 GYPSOPHILA—Elegans Alba, H. A., 18-inch, known as Baby's Breath. Pkt., 5c.

2733 HELICHRYSUM—Strawflower. Monster double mixed, H. A., 18-inch, useful everlasting. Pkt., 5c.

2734 HELIOTROPUM—Largest flowering giant mixed, G. P., 24-inch, Heliotrope or Cherry Pie plant. Pkt., 10c.

2737 HOLLYHOCK—H. P., single, choice colors, 72-inch. Will bloom the first year. Pkt., 5c.

2740 HUMULUS—Japanese Hop, a very rapid growing climber, H. A. C. Pkt., 5c.

2765 JACOBAEA—Dwarf double mixed, H. A., 20-inch, beautiful double flowers, useful for cutting. Pkt., 10c.

2767 KOCHIA—Tricophylla (Summer Cypress), H. A., 24-inch; the Mexican Fire Bush, beautiful foliage. Pkt., 5c.

LARKSPUR—H. A., beautiful annuals, succeed everywhere and give charming effects. Pkt., 5c.

2776 Tall Branching, mixed, 12-inch.

2777 Double Tall Rocket, mixed.

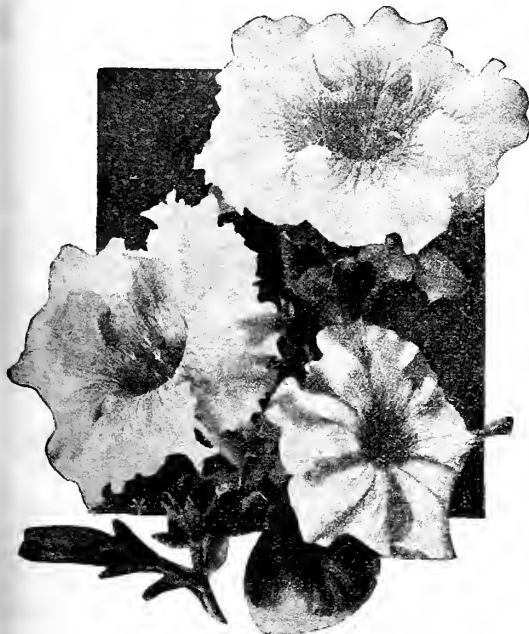
MARIGOLD—H. H. A., our strains of Marigold are exceptionally fine, will produce a fine percentage of double flowers of exquisite colors. Pkt., 5c.

2814 African Orange, 24-inch. Pkt., 10c.

2816 French Mixed, 18-inch. Pkt., 10c.



Annual Larkspur



Petunias

PETUNIA—For outdoor decoration or house culture. Few plants equal the petunia in effectiveness. They commence blooming early and continue right through until killed by frost.

Small Flowered Mixed. Pkt., 5c.

2895 Giants of California. Mixed, 24-inch.

2899 Hybrida Grandiflora. Fringed, mixed colors, 24-inch. Pkt., 10c.

2827 MESEMBRYANTHEMUM—Crys-tallinum, H. H. A., Iceplant, easily grown, 3-inch. Pkt., 5c.

2828 MIGNONETTE—H. A., large flowering, 12-inch. Pkt., 5c.

NASTURTIUM—Our selection of Nasturtiums will be found to contain a very choice assortment of colors. The dwarf varieties are splendid for edgings of borders and the tall for covering unsightly corners or trellises.

2856 Tom Thumb Mixed, H. A., 12-inch. Pkt., 5c; oz., 15c.

2860 Tall Mixed, H. A. C., fine for trellises. Pkt., 5c; oz., 15c.

PANSY—One of the most interesting classes of flowers grown. A bed of Pansies in bloom always has something new for you in variety of color. H. P.

2887 Mixed Colors, 6-inch. Pkt., 5c.

2888 Trimardeau Giant, mixed, 6-inch. Pkt., 10c.

2889 Disco Giant Mixture. A beautiful strain of Pansies, containing a very fine assortment of colors, beautifully blotched and marked. If sown early in April or May, will bloom in July or August, be kept through the Winter if covered with a mulch of hay, straw or litter. Pkt., 10c.

2892 PELARGONIUM—Fancy, G. P., 18-inch. Splendid window and house decoration. Pkt., 25c.

2901 PHLOX—Very pretty annuals, blooming the whole season through; very useful for house decorations, last a long time when cut. H. H. A. Pkt., 5c.

POPPY—H. A., mixed, choice flowers. Pkt., 5c.

2685 California.

2914 Shirley Mixed.



Dakota Improved



Seed Company



Disco Choice Flower Seeds (Continued)



2986 SWEET WIVELSFIELD — A new race of Hardy Annual. Is a cross between *Dianthus Allwoodi* and Sweet William. Will become as popular as Asters, Antirrhinums, Stock, etc. Few plants can compare with Sweet Wivelsfield for wealth of coloring and lengthy season of flowering. Sow in the open in April for summer flowering. **Pkt., 25c.**

3040 DISCO WILD FLOWER GARDEN MIXTURE—A brilliant mixture of showy flowers. You get surprise after surprise as the various plants burst into bloom. **Pkt., 5c.**

PORTULACA—H. H. A., forms masses of delicate green foliage, covered with bright colored flowers. Will stand any amount of dry weather.

2916 Grand, large single flowers, 6-inch. **Pkt., 5c.**

2917 Grand, double mixed, 6-in. **Pkt., 10c.**

PRIMULAS—For winter decoration primulas are one of the most valuable greenhouse plants. The following varieties have been saved from the largest and most beautiful flowers only.

2921 PRIMULA—*Obconica grandiflora* Hybrids. G. P., 12-inch; one of the best window plants, blooms continually. **Pkt., 15c.**

2923 PRIMULA *Sinensis*—Double mixed, G. P., 6-inch; splendid for winter flowering in the house or greenhouse; easily grown. **Pkt., 25c.**

2926 PYRETHRUM *roseum hybridum* — H. P., double, 24-inch. **Pkt., 10c.**

2937 RHODANTHE *Manglesi rose*—H. H. A., 12-inch; useful everlastings. **Pkt., 5c.**

2952 SALPIGLOSSIS *Grandiflora*—Mixed H. H. A., 24-inch; one of our most beautiful annuals. **Pkt., 10c.**

3035 SCABIOSAS. Beautiful flowers exquisite shades borne on long stems. Perfect for cutting. **Pkt., 5c.**

3009 VERBENA—H. H. P., *hybrida mammoth* mixed, 6-inch; enormous flowers, colors fine. **Pkt., 10c.**

3034 ZINNIAS Disco Giant Dahlia—Flowered. This is unquestionably the best novelty in Zinnias, as a result of painstaking care and selection, the size, form and coloring have been much improved upon. The flowers measuring 4 to 6 inches in diameter in the following colors: Orange, yellow, flesh and pink, chestnut and colors never seen before in Zinnias. 3 foot. **Pkt. 5c.**

Insecticides

Acme Aphis Spray



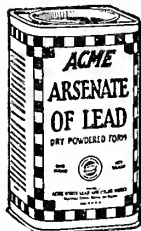
An improved nicotine spray combining a soft fish oil soap with Black Leaf 40, suitable for the control of all kinds of aphids (plant lice), thrip, leaf hopper and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Mixes easily with any kind of water. Complete directions found with every package.

Prices: 3-oz. collapsible tube, 35c; 12-oz., collapsible tube, 95c; 2½-lb. can, \$2.25.

Acme Arsenate of Lead

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray.

Price: ½ lb., 20c; 1b., 30c; 4 lbs., 70c; 100 lbs., \$16.00.



Acme Ant-Kill

Rid your home and premises of the embarrassing and health-injuring ant nuisance. Kill the ants in the nest. Ant-Kill syrup is sold in connection with safe patented service cups which gives protection to birds, chickens, pets and children, yet readily accessible to ants which carry the syrup back to the nest. Attractive to Argentine and sweet-eating ants.

Price: Cottage Set—3 oz. syrup, 5 cups, 75c each; Junior Set—2 oz. syrup, 2 cups, 45c each; 3-oz. bottles, 35c each; 2-oz. bottles, 25c each; ½ pint, 60c; pint, 90c; service cups, 10c each.

Your Plants Must Be Fed
Use STIM-U-PLANT

These tablets are the latest word in gardening efficiency. Easy to use. Immediate results. Order STIM-U-PLANT tablets with your seed and plant order. Price: 30 tablets, 25c; 100 tablets, 75c; 1,000 tablets, \$3.50.



Dakota Improved



Seed Company



Sweet Peas

• more cutting—more blooming. Keep on cutting

Special Named Varieties

- 2010 BARBARA—Large salmon-orange.
 2030 DAINTY SPENCER—White, edged rose-pink.
 2040 ELFRIDA PEARSON—Large shell-pink.
 2051 FIERY CROSS—Bright red-orange-cerise.
 2102 KING WHITE—Best for Northwest.
 2226 MARY PICKFORD—Dainty cream pink.
 2229 CAMPFIRE—Vivid scarlet.
 2232 THE FAWN—Suffused amber on cream ground.
 2233 FLUFFY RUFFLES—Ruffled rose pink.
 2332 BURPEE'S LAVENDER, Early—Wisteria.
 2333 MRS. HERBERT HOOVER—The Calif. blue.
 2296 VULCAN—Brightest of all scarlets.
 2290 SWEET LAVENDER—A new and better bloom.
 2300 ORANGE KING—Beautiful glowing orange.
 Large Packets, 10c each.

Disco Special Mixtures

2220 DISCO SPENCER or BUTTERFLY MIXTURE — Pkt., 10c; oz., 20c; ¼ lb., 55c. A beautiful blend of 75 Spencers, including many new varieties. The choicest mixture to be had.

2225 DISCO GRANDIFLORA MIXTURE—Pkt., 5c; oz., 10c; ¼ lb., 35c. A splendid assortment of finest colors, blended to harmonize and insure a fair proportion of all.

★ it is almost impossible to have too many Sweet Peas

Tall-bearded Iris

For delivery in Fall 1933

"Sunbeams imprisoned that fall to earth and grow;
 The lovely ling'ring blush of sunset afterglow.
 The whiteness of the snows, a gleam of garnish gold,
 A wave of royal purple, a dash of yellow gold."

ALCAZAR—S light blue violet. F deep brilliant purple with bronze veined throat.

CLIO—Light steel blue. Long blooming season.

COLONEL CANDELOT—S bronze overlaid with red lavender. F rich velvety crimson purple.

DALILA—S white, tinted lilac. F rich violet red.

IRIS KING—S clear lemon yellow. F rich maroon bordered yellow.

LOHENGRIN—Rich silvery lilac.

10c each; 3 for 25c; 6 for 40c; 12 for 75c. Postage paid.

CLUNY—S light lavender. F darker lavender with purple brown markings.

GOLD CREST—Bright violet blue, golden yellow beard.

LENT A. WILLIAMSON—S soft lavender violet. F velvety royal purple.

MADAME CHABAUT—S cream shaded buff and pink, lilac edges. F white reticulated violet at edge.

MOTHER OF PEARL—Pale bluish lavender with faint creamy undertone.

15c each; 3 for 40c; 6 for 75c; 12 for \$1.40. Postage paid.

★ ★ Collection of twelve beautiful Irises, our selection, for \$1.00. Postage paid.

S. Refers to standards—the three upper petals.
 F. Refers to falls—the three lower petals of an Iris.

MAMIE—White penciled border of blue lines.

FOCAHONTAS—Pure white bordered pale violet.

QUAKER LADY—S smoky lavender shaded yellow. F blue and old gold with bronze and yellow markings.

RHEIN NIXE—S pure white. F deep violet blue, blue edge.

SHERWIN WRIGHT—Golden Yellow.

HER MAJESTY—Creamy yellow.

VALHALLA—S light blue. F rich velvety purple edged light blue.

ROSEWAY—Rose colored landscape variety.

SEMINOLE—Rich dark violet-rose. Red effect.

TROOST—Claimed by many the finest pink Irises.

VALERY MAYET—S rosy-mauve. F deep red-purple. Carmine margins, orange beard.

WHITE QUEEN—Snow white with throat and beard greenish white.

Gladioli

DISCO SPECIAL MIXTURE—Here is a real bargain, combining large bulbs, every color of the rainbow, plain and ruffled, early and late. 30c per dozen.

Chinese Elms

★ Chinese Elms are extremely hardy

★ will withstand drought

★ make very rapid growth

★ are very ornamental

★ our trees have been raised in our own grounds at Mitchell, S. D.

★ All twice transplanted.

Prices of Chinese Elms

Size	Each	Per 10	Per 50	Per 100
4-5 ft. trans....	\$0.30	\$2.70	\$12.00	\$20.00
5-6 ft. trans....	.40	3.75	17.00	32.00
6-8 ft. trans....	.50	4.50	22.00	42.00
8-10 ft. trans....	.65	6.00	29.00	56.00

For 500 or more prices on request.

Dakota Improved



Seed Company



**ALWAYS LOOK
on the Label
for the GERM COUNT
Expiration DATE
and the PRICE**

INOCULATE Your legumes with



Fresh Each Year
Leads in High Germ
Count

Alfalfa, Clovers,
Soy beans, Peas,
Cow Peas, Beans,
Vetch, Lespedeza

COSTS LESS—ALWAYS RELIABLE

When you buy NITRAGIN you BUY BILLIONS of FRESH Legume Germs—not just a package of inoculation. Germ Count and Expiration Date gives you double protection—and more for your money. Don't gamble—buy NITRAGIN.

EASY TO APPLY—WITH OR WITHOUT WATER

NITRAGIN is a granular MOIST soil-like culture packed in tins. If mixed well can be applied to seed without water, and good inoculation will result. However any inoculation will give more uniform results when water is used.

Remember, NITRAGIN can do anything claimed by other inoculators — and do it BETTER and CHEAPER.

NITRAGIN INOCULATION PRICES

When ordering, always specify kind of seed.

Alfalfa, All Clovers

Size	Retail
½ bu.	\$.50
1 bu.90
5 bu.	4.00

Peas, Vetch, Beans, Austrian Winter Peas

Size	Retail
½ bu.	\$.40
1 bu.60
*1-2/3 bu.90
5 bu.	2.50

**100 lb. size.* Packed
only for Vetch and
Aust. Pea.

Soy Beans, Cow Peas Lespedeza (Hulled)

Size	Retail
1 bu.	\$.40
2 bu.70
5 bu.	1.50
10 bu.	2.50

Garden NITRAGIN for Peas, Beans, Sweet Peas

Inoculates from 1 oz.
to 8 lbs. seed, Price 25c

NITRAGIN Has Served the American Farmer Since 1898

PLANET JR. GARDEN TOOLS
Write for special catalog.



We carry a complete line of fertilizer manufactured by Armour & Co. They put out a high grade product, scientifically mixed and properly blended to give best results. We have information as to the best grade or kind of fertilizer to use for different crops and on different soils, and are ready to give advice and the best of service on your fertilizer problems.

CYCLONE SEEDER—The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly both sides and may be quickly adjusted for different seeds. No waste of seed. Just the thing for sowing all kinds of clover and grass seed, millet, rape and even grain. Price, reduced, \$1.85; by mail, \$2.00.

ACME SELF LOCKING TUBULAR POTATO PLANTER—Adds greatly to the ease and speed of planting. No stooping necessary. Plant your potatoes at any depth desired without digging a trench to plant in. Saves time and labor. Price, each, by express, \$1.00.

THE ACME HAND CORN PLANTER—It is light, strong and easy to handle. Well made and will give satisfaction. Price with Fertilizer Attachment, \$1.00. Price with Pumpkin Seed Attachment, \$1.00.

INCUBATOR THERMOMETERS, \$1.00 each, postpaid.

POULTRY PUNCHES, 15c each, postpaid.

"BABIE" CHICK FEEDER—This chick feeder enables you to feed the small chicks without trouble. Scatter the feed inside where the small chicks can eat it without crowding by the larger ones. Saves feed and insures strong, healthy chickens, with no runts. Price, Each, 50c. Prepaid, 75c.

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ORDER SHEET

Date.....1933

Dakota Improved Seed Co., Emmetsburg, Iowa

Gentlemen: Please send the following seeds subject to the guarantee and conditions of sale given in the DISCO Seed Book.

Name
Mr., Mrs. or Miss. Please write distinctly.

P. O. _____ State _____

R. D., P. O. Box or Street No.....

By _____
State here if wanted by FREIGHT, EXPRESS or MAIL.

Nearest Railway Station.....
if different from P. O.

Is there a freight agent at your railroad station?.....
If there is no freight agent at your shipping point, money must
be sent with order to prepay the freight charges.

Amount Enclosed

Currency		
Bank		
Draft		
Money		
Order		
Check		
Total		

Space Reserved for Office Use

Date _____
Received _____

Amount Received _____

Mail	Freight or Express
No. of Packets.....	

No. of Packages.....	
----------------------	--

Date sent.....

Put up
by.....

Checked
by.....

[illegible]

How ordered.....

No. _____



BODGER'S

New double

Sweet Scented

NASTURTium

"Golden Gleam"



The outstanding novelty
for 1933.

A phenomenal and instantaneous success at Horticultural Shows all over the world.

★ long stems

★ large flowers. 2 to 3 inches across

★ delightful perfume

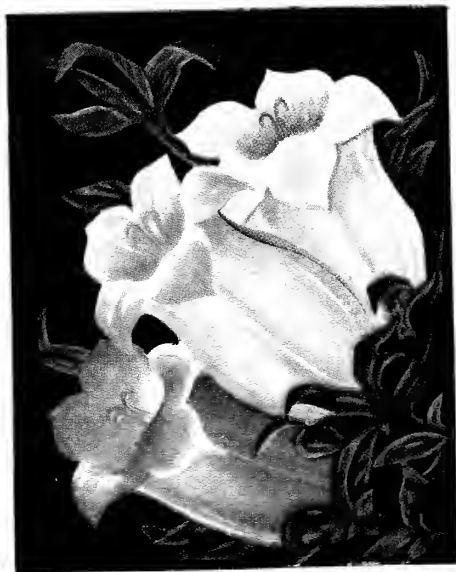
★ see page 27



THE LEGEND OF THE CANTERBURY BELL



Long, long ago, in the Cathedral at Canterbury, the Shrine of Thomas A'Becket used to be covered with a velvet canopy covered with many small silver bells. The raising of the canopy and the tinkling of the bells gave notice to pilgrims scattered about the Cathedral that the service was about to commence. The resemblance of the blooms of Campanula Medium to these small silver bells gave them their well known popular name of Canterbury Bells. (See page 27.)



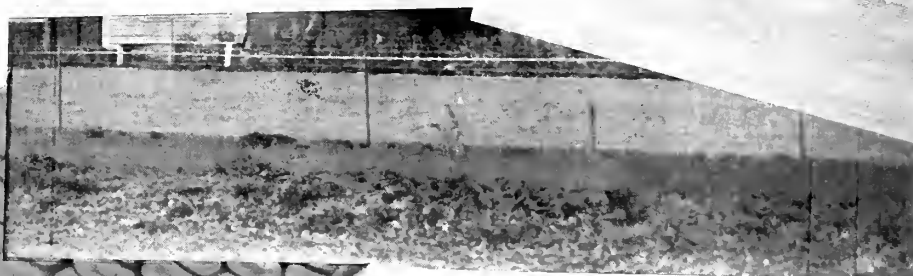
Campanula or Canterbury Bells

No Matter

- ★ how much you plow
- ★ how rich your land
- ★ how much you know
- ★ how hard you work
- ★ how much it rains
- ★ how much you cultivate
- ★ how much the sun shines
- ★ how lucky you are

YOU MUST HAVE
THE
RIGHT SEEDS

Disco
TRADE MARK REG. U.S. PAT. OFF.



Our Cleaning Plant at Mitchell, S. D.

One of the Most Modern Seed Cleaning
and Refining Plants in the State.

Dakota Improved Seed Company
Emmetsburg, Iowa—Mitchell, S. Dakota